

SEQUENCE LISTING

<110> Randy M. Berka
Michael W. Rey
Jeffrey R. Shuster
Sakari Kauppinen
Ib Groth Clausen
Peter Bjarke Olsen

<120> Methods For Monitoring Multiple Gene
Expression

<130> 5849.200-US

<140> To Be Assigned

<141> 2000-03-22

<150> 09/273,623

<151> 1999-03-22

<160> 7860

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 3033

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(3033)

<223> n = A,T,C or G

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 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1812)
 <223> n = A,T,C or G

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 <213> *Fusarium venenatum*

<220>
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 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1279)
 <223> n = A,T,C or G

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<211> 2401

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

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<223> n = A,T,C or G

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 <211> 1634
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1634)
 <223> n = A,T,C or G

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gtctctgtga	tggtactatc	ctgtcgggtc	ttaccanaac	gcttctgacg	ccgggtcaaac	1320
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ctgggtgggtca	tgctttgctg	acttntgggg	ngtctctccc	ccaaggatct	ctccccgnt	1500
tntggacttt	atnaatacgt	atcgccatta	cttattagng	gnggcagtgt	acacangagt	1560
cncaacacaa	acgtacatgt	gcggaaataa	atngtgccgt	aaccnccaaa	ggtttntttg	1620
gcnaaaacat	ggaa					1634

<210> 7
 <211> 1481
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1481)
 <223> n = A,T,C or G

```

<400> 7
caactcttct atctcccgac ctccgtctcc ttctccatca acgtctcttc ttttcccctt 60
tcccatacac acaccgtaat ccacagccat ggaggaagaa gttgctgctc tcgtcatcga 120
caatggttcg ggtatgtgca aggcgggttt cgccgggtgat gatgctcccc gagctgtttt 180
cccttcacatt gtcggtcgcc cccgtcacca tgggtatcatg atcgggtatgg gtcagaagga 240
ctcgtacgtt ggtgatgagg ctacgtccaa gcgtgggtatt ctacactgc gatacccat 300
cgagcacggt gttgttacca actgggacga catggagaag atttggcacc acaccttcta 360
caacgagctg cgtgttgccc ccgaggagca ccccgctctg ctacccgagg ctctatcaa 420
ccccaaagtc aaccgtgaga agatgaccca gattgtcttc gagaccttca acgccccgc 480
tttctacgtc tctatccagg ccgttctgtc cctgtacgct tccggtcgta ccaccggtat 540
cgttctggac tctgggtgat gtgtcaactc cgttgttccc atttacgagg gtttcgcct 600
tccccacgcc attgcccgtg tcgacatggc tggctcgtgat cttaccgact acctcatgaa 660
gattcttgcg gagcgcggtt acacctcttc caccaccgcc gagcgagaaa tcgtccgtga 720
cattaaggag aagctctgct acgtcgccct tgacttcgag caggagatcc agactgctgc 780
ccagagctcc aqcttqaaa aqtottacga gcttctgat ggtcaggta taccatcgg 840
naacgagcga ttcggtgctc ctgaggctct ctccagcctc tctgtcttg gtcttgagag 900
cgggtggatc caagtcacca ctttcaactc catcatgaag tgtgatgtcg atgtccgaaa 960
ggatctctac ggaaacattg tcatgtctgg tggtaacct atgtaccccg gtctctccga 1020
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tcttcccgag cgaaagtact ccgtctggat cgggtgggtc cattctcgt tccctgtcca 1140
ccttccagca aatgtggatc tccaagcagg agtacgacga gagcggctcc tcaatcgttc 1200
accgcaagtg cttctaagct ttcgatcga naaattaaat cctccactc gcgcaacgac 1260
aagatcatgg aggtggcgac agacgctaac cttgggtggg ttggccagcg tcgaagtcga 1320
atctcgtatt tacgaaaagt ttttgacatg gtcgaaagag tgggcgttgc gcttattacg 1380
aagagatgtg atggccctt ttctttagt tcgctataa tgcgtgccta ggggtagaag 1440
ccgaggttga catacaata ctttttact ttccgaaaaa a 1481

```

```

<210> 8
<211> 1237
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(1237)
<223> n = A,T,C or G

```

```

<400> 8
gtcaaaagcta aggetaacttc agctcttgaa ctacttcggc ccattttcttc ttctctttac 60
tctccatata ccactctttac atccacagcc gtcaatatgc gtgagattgt tcaccttcag 120
accggtcagt ggggtaacca aatcgggtgt gntttctggc anaccatctc tggcgagcac 180
ggtctcnaca gcaatgggtg ttacagcggc acctccgagc tccagctcga gcgtatgagc 240
gtttacttca acgaggcctn tggtaacaaag tatgttcccc gtgcgctcct cgtcgatctc 300
gaacccggtt ccattggagc cgtccgtgcc ggctcccttcg gacagctttt ccgaccgac 360
aaacttcgtt tgggtcaate cgggtgcggga aacaaactggg ccaagggtca ttacactgag 420
ggagctgaac ttgtcgacca agttctcgat tgcgtccgcc gtgaggccga gggttgtgac 480
tgccctcagg gcttccaaat caccactct ctgggtggtg gtaccggtgc cggtatgggt 540
acctgttga tctccaagat ccgtgaggaa ttccccgacc gtatgatggc aaccttctcc 600
gttgtctctt cccctaaagt ctccgacacc gtgttcgagc cttataaagc caccctctcc 660
gtccatcaac tgggtgagaa ctccgacgag acctcttgta tcgacaacga ggccctctac 720
gacatttgca tggcaccct caagctgtcc aacctctctt accgcgactt gaattacctt 780
gtcttcgccc tcatgtccgg cgtcaccac ttgtctccgt tccccggta agctgaactc 840
tganctccga aaagctcgcc gtcacatagg tgccttccc tegtctgcac ttctttatgg 900
toggatttgc tcccttganc agccgtgggt ctcaactctt cgtgctgtc agccttctct 960
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gttgttaact gaactgtctt gccatcttcc gtggcgtgt tggcatgaag gaggttgagg 1080
accagatggc caatgtccag agcaagaact catcatactt cgtcgagtgg attcctaaca 1140
acatccagac cgtctctctg gctatccac ctcgtagact tacaatgtct tccactttta 1200
ttggaaactc cactctatc cagggaagctt ttttttt 1237

```

<210> 9
 <211> 2197
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(2197)
 <223> n = A,T,C or G

<400> 9
 aggggaatgg gccnttaaan gangctcgaa cggcgncaga aaaatnttaa natatagngg 60
 tttttttttt taaaagttca aatacaatcg attattaagc tctaacgggt tatcctttac 120
 acgcagttac cgcccccatg aaaagcaatt tgtgcctcat gaagaatgac caagcacaag 180
 atgtcgtaaa gaaaagtcag gaaaatgat gacgacagag aacgacgect ttaaaagagaa 240
 aagctagtag tcttgcttca totatgttta gaagatctga gcgagggcag caacaccagc 300
 gagggcgagg acagccatgt tgatgttgac actgcggcgc gcgctgtcgt cgtcctcgtt 360
 actttgggaa gaaccagagc catcgtcttc ctaccgcgcg tcaccaccct cgttggcctt 420
 cttgttggtg aaagtgcagc tctccttgcc gtcaatcttg ccacgcgtct tcaggtcgtc 480
 aaagtatttg cagaactcct caatatcggt agttgatgaa acgacgacac tgccgctgac 540
 ttggctcgagc ttggggagtt tgacctcttc gaagctacca cggagagcaa caccaccggt 600
 aaccttctcc agcttgggga agtcgtcaat ggccagaagc ttggtgttgt tctggatagt 660
 gaaaccacca ccaatctcct cgagttagag gaaagagata ttggtgagct tcttcatgtc 720
 aatgagagag agggtttctc cgatgatagt caggttgggg gcgctgaaga actcaagcga 780
 ggggttggcg ctcagcttca agctcttggt gaacctcttg agaaggggaa ctgagaagtt 840
 cttggcgcta gagatctgaa tctcagcagc caactcaagc ttgtccatga tgatctccat 900
 agcatcgttg ccgttgctga agatcttgag ctgggaggtg atgttgacga ggtcagatcg 960
 gaaagcgttc attttctcgt tgttgctgat ctggaagctc tcgacggtgg caacgctaag 1020
 accgctcagg tcgctgatga aggtatcggt aattcgaatg ctcttgatct tagtgacacc 1080
 ttcggtaccg aagttcagct ctccgagacg aggaagcttg atgaagctga ggccgctaag 1140
 gctcttgagg gtggagaact cgaggttgct gagagcctcg aggttctcaa gctggaagtt 1200
 gccatcgata gactcaatag aagtactgga gatagagatg atgtcgccac cgttcttggc 1260
 aacgaagtta cctcctgatct gctcggggcc gttgataaca acagcgccgg cgaccttctt 1320
 gtcatgatg atgtctcct tgacaactgt gcagtcgatt gtgggggtgg gctcggtaac 1380
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 ggaaagaacc ttaacggaat gcattatgac ctagtgtgta attggaaagg atcctgtgat 1500
 tgattttgtg gatggtgttt gtttaagaaa aaaaaacttg atggtttctc ggccaacgat 1560
 ggagatatgc aacagggaat agtatagatt gatattcctg gaattaggtg taaaaagtct 1620
 ggcgtatgga cgaaaagtca caatgaagcc tgacaggaaa cgagtggcgt gaagagaaaa 1680
 agggacgaga atattaccaa caatgagagg aagtcaatca caggatcctt tccaattaca 1740
 aactaggtca taatgcattc cgttaaggtt ctttcggcca ttgcggcact cgggtgtctc 1800
 gcggtctcgc ccgctacctg caccagcgac gtcaagggtta ccgagccac cccacaatc 1860
 gactgcacag ttgtcaaggg agacatcctc atcgacaaga aggtcgccgg cgtgttgtt 1920
 atcaacggcc ccgagcagat cgagggtaac ttcgttgcca anaacggngg cgacatcctc 1980
 tctatctcca gtacttntat tgagtctatc gatggcaact tccagcttga gaacctngag 2040
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 tctcgtctng ganagctgaa cttegnaccg aagnggcact taaancaaga gctttcgaat 2160
 taccgatcct ttattaacga cctggggcgt ntacgct 2197

<210> 10
 <211> 1086
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1086)
 <223> n = A,T,C or G

```

<400> 10
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caccgctggt ggttaccatg ttctgtctca gttgagaaaa tctggacgcg tgatcgcttc 120
tgaaagtctc cgcgaaatcc caatgntgac cgttcttgtt gggtgaaact gtacacgagg 180
caccagccct ctgaaagcaa accgcgatgt caccaagcat ggccctctga ctggtgtcgg 240
agtcaactac gacctgatcg ccaatctttt ccgcggagct caactcgcct tcatcaacac 300
cactttttac ggcgacgaga tgccattgga aaagcccttg ccgatgccgc caagcgcgcc 360
ggnaatccag cactatgtct actcatcgat gcccgaccat gctgcctatg ataccaagtn 420
ggccctcgct gctcttttgg gccgccaagc atgaagtcga gcagtatgtg cgcaaaattg 480
agaatgccct gccactttgt nttacactgg gcatttataa caacaacttc acctctcttc 540
aatacccctt cttctgtatg gagnttgacg aaggacggct ccttttagatg gcaagcgcct 600
ttccatcctg atgccaagct accttggcta gatgctgagc acgacgtcgg tcttgcagtt 660
ctccaaatth tcaaggacgg ccttgccaag tggaacggag agcgtatcgc acttgcatac 720
gagtacttga ccccaaagga ggtgtgtcgc cttttctcca agggagtggg tcgtcctgtg 780
cgctatgttc atgggcccac cgagggtgaan gtccgcaccc cagaangtta ccgcgaacag 840
ctcgtgggtc ttgagcaact ctacgaaccc aaccgaagg atctctagaa gcagcgcctt 900
taactcggag atccaaaggt tgaactaagg tgcccaagcg aactctggaa ctatgggaag 960
gtcccggaagc attgaanant acccagggag atgtttccta tagaagaaga accaacggnc 1020
tgacatggat gttggaagat gaatccagcg acaacaaaga agtgcaacac cagcacactc 1080
ggtcga 1086

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```

<210> 11
<211> 1463
<212> DNA
<213> Fusarium venenatum

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```

<220>
<221> misc_feature
<222> (1)...(1463)
<223> n = A,T,C or G

```

```

<400> 11
cgccgagctt ctgcccgaga agattgagca ggtcaaggcc ctccgaaagg agcatgggtc 60
caagggtatt gacaaggtea ctcttgacca ggtctacggt ggtgcccgtg gcatcaaggc 120
cctcgtttgg gaggggttcg tcttcgactc tgaggagggt atccgattcc gtggcaagac 180
catccccgag tgccaggagc ttctcccaa ggctcccgtt ggcaaggagc ccttctctga 240
gggtctcttc tggtctctcc tgaccggtga ggtccctact gagcagcagg tccgcgacct 300
ctccgctgag tgggctgccc gctccgatct ccccaagttc gtcgaggagc tcatcgacca 360
ctgcctaccg acctccaccc catgggtcag ttctcctggc cgttactgct ctcgagcaca 420
cctccagctt cgccaaggcc tacgccaagg gtatcaacaa gaaggagtac tggggctaca 480
cctttgagga ctccatggac ctcatgtcta agctcccaa catcgcttct cgtatctacc 540
anaacgtctt caagggcgga aagggtgtct ccatccagaa ggacaaggat tactccttca 600
acttcgcaaa ccagcttggc ttccgagaca acgcgactt cgtcgagctc atgctctttt 660
aactgaccat ccacaccgac cagcagggtg gcaacgtttc tgccataacc actcaccttg 720
tcggctctgc tctcagctcc ccttctctct ctctgcgcg tggtcttaac ggtcttgcgg 780
gtccctctca cggctcttgc aaccaggagg tctttaaact gctcaccgag ttcaagaagt 840
ctggttgaga tgaccttagc gacaaggcca tcaactgacta cctctgggtc acctcaacg 900
cgggcctgtt cgtccccggt tacgggtcac cgttctccg aaagaccgac ccccgttaca 960
tggtctcagc cactttctgt caagagaaga tgcccaacga ccccatgttc aagctcgtct 1020
ctcagggtta caagatcgcc cctgggtgtcc tcaccgagca cggcaagacc aagaacctct 1080
atcccaacgt tgacgcccac tccgggtgtcc tctccagta ctacggtctc actgaggcta 1140
actactaac cgtctctctt ggtgtctctc gtgccattgg tgtcttccc cagctcatca 1200
ttgaccgcgc tctcgggtgc cccatcgagc gacccaagtc tttctcactg acaagtgggc 1260
tgagctcgtc aaagaactgt naacgattta gaagcaaaag ggaaaaagaa ngtgatggga 1320
nngggtctgc naagaaatgg acagaatgga tgccgagtca atggcatttg tacaacacaa 1380
tyggactggt ttaagttaat aatgacaaat cgtcgttgac gccgattgga atgaaatgat 1440
ttgnacagtt aatctgcaat ttt 1463

```

```

<210> 12
<211> 1384

```

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1384)
 <223> n = A,T,C or G

<400> 12

ctcaaaccac	acagcccgcc	caagatgagt	cacagaaagt	acgaggctcc	cagacatggc	60
tccctggctt	acctgccgcg	caagcggggt	gccagacatc	gtggaaaggt	caagtctttc	120
cccaaggacg	accccaagaa	gcccgtccac	ctgactgccg	ccatgggtta	caaggccggt	180
atgaccacca	tgcgtccgca	cctcgatcga	cctggcgcg	aggccaacaa	gaaggaaagt	240
gttgaggctg	tttcaatcgt	tgatactcca	cctatgatcg	ttgttggtct	ggttggttac	300
atcgagactc	cccaggccct	gcgatccctc	accacgcgtt	gggctgagca	tctgagcgac	360
gagctcaagc	gcgatttcta	caagaactgg	tacaagtcca	agaagaaggc	tttccccaag	420
taagccaaga	agcaactcca	gaacagcggt	gcttccatca	cccgcgagct	tgagcgcatc	480
aagaagtact	gcaccgtcgt	cctgtgcctc	gccacacccc	agatccgaaa	gactcctctc	540
aagcagaaga	aggtccacct	gatggagatc	caagtcaacg	gcggctctat	cgccgacaag	600
gtttccttcg	gccaggagct	cttcgagaag	cccgtcgatg	tctccagcat	cttcgagcag	660
gacgagatga	ttgacgtcat	tgccgtcacc	aagggtcatg	gtttcgaagg	tgtaactgcc	720
cgttggggca	ccaagaagct	tectcgcaag	actcacaagg	gtctccgaaa	ggtcgcttgt	780
atcggtgctt	ggcatccttc	ccacgtccag	tggactgttg	cccgtgccgg	tcagagaggt	840
taccaccacc	gaacctcggt	taaccacaag	atctaccgca	ttggtaaggg	tgacgctgac	900
gacaacgccg	ccactgagat	cgatgtcacc	aanaaaacca	ttacacctct	tggttggtttc	960
gtccgctaen	gtgagatcaa	naacgacttc	ntcatggtca	agggctctat	ccctggtaca	1020
agaagcgtgt	catgacctcc	gaaagaccat	gttccccccg	acctcccgaa	aggccctcga	1080
gaaggtcagc	ctcaagtggg	tcgacacctc	gtccgagttt	ggacacgggt	ctttccagac	1140
ccctgcccgag	aagaagcggt	accagggtac	tctcaagaag	gaccttgctt	ccgcttaaaag	1200
cggcagcttg	tttcttttcg	tgtottaacc	aatcattcca	ttgcctcggt	gtcaaagggt	1260
ggttcggttac	gccttgcggt	tgggctgggt	cagggtatgaa	ctggcatgga	gcataaaaaa	1320
aagtccagct	aggagaggga	tagtgatcaa	aaattctaac	gagattccaa	tttaaaatta	1380
ttaa						1384

<210> 13
 <211> 1852
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1852)
 <223> n = A,T,C or G

<400> 13

cgagaggaca	cctggggaggc	tgatgaggcc	acttactacg	gtgggtgagga	tacctggctc	60
ggaaaacgacg	tccgttactc	caacyggaagc	aagggaacca	ccaagcctgg	tgccaccgac	120
tccgatcagc	ccgcgaacac	tgattatcac	aaccgagatc	tcgagaagcc	tttggctgct	180
gtccaccacg	gtctcatcta	tgtaaacctt	gagggtcctg	atggtaacct	cgaccccgct	240
gttgccgctc	gtgacatccg	cgagacatcc	ggccgcatgg	ccatgaacga	cgaaaagacc	300
gttgctctga	ttgctgggtg	tcacacccgt	ggcaagaccc	acggagctgg	ctcaaccgac	360
ccgctcgccg	ccgagcccca	agccgcccag	cttgcccagc	agggctctcg	ctgggtccaa	420
agctacaaga	cggaaaagggt	ccgacacaac	ccatcttggt	attgaagtca	catggacaag	480
cactcccgct	aagtggancc	atgactacct	caagtaactc	tggctccact	ttgagtggga	540
gcttacaaga	aaccttgctg	gcgctcacca	atgggttgct	aaggatgccg	ccgctaccct	600
ccctgatgcc	tatgactcca	gcaagaagca	caggcctaga	atgttgacca	ccgaacttgct	660
gcttgccttc	gatcctgagt	acgagaagat	ctctcgtcgt	ttcttgaga	acccccagga	720
gtttaacgat	gccttcgcca	aggcttggtt	caagctcact	caccgtgaca	tgggtccccc	780
cgaccgttac	ctcgcccccg	aggcccccaa	ggagatcttc	aactggcaag	accccgctcc	840
cgagcgtgac	tacaagctcg	tcgacgacgg	tgacatctct	gctatcaaga	acgaqatcct	900

caagtctggc	attgacgtct	ccaagctcgt	ctctactgct	tgggcttctg	cttctacttt	960
ccgaggcagt	gatctccgcg	gtggtgccaa	cggtgctcgt	ctccgtcttg	agccccagaa	1020
gaactgggag	gtcaacaacc	cctctcaatt	gggccagggt	ctcaacggcc	ttgagaagat	1080
ccagaagaac	ttcaatgaat	cccagtcag	cggaaggcc	atctctctgg	ctgatgtgat	1140
cgtccttgct	ggttccgctg	ccgtcgagaa	ggctgctaag	gatgccgggtg	tcaacgtcac	1200
cgtgcccttc	actcctggcc	gcaccgacgc	cacccaggaa	cagactgatg	ttaaagtctgt	1260
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caagctcgag	cacatgctca	ttgaccgtgc	tcagcttctc	actctcagcg	ttccccgagat	1380
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caacaccgag	tgggaagcctg	tggcaacgg	cgacctgttc	gaaggatttg	accgcaagag	1560
cggcaacaag	aagtggaccg	gtacccgcgt	cgatctcgct	tttggatcgc	acgctgagct	1620
ccgcgcgaca	gctgagactt	atgctgaggc	tggcggtagc	gagaagctgg	ttcgcgactt	1680
tgtcgtgctt	tggaccaagg	tgatgaacct	ggaccgattt	gatgttaaga	atggtaaatgc	1740
gcctaattgtc	tctcctcgac	tgtaatttta	tgaatagcaa	tgtagcaaaa	tacctttgag	1800
aatgaaatga	ttacgaatct	gacttgaaaa	aaaaaaaaaa	ntttaaaaatc	ct	1852

<210> 14
 <211> 1710
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1710)
 <223> n = A,T,C or G

ccacaactct	catctttctct	ttcatataaa	tctctccacc	tttgataccc	caataccccc	450
ctctctttat	atcacataac	atactatata	caatggctct	caccgtcgag	ctgtccactc	120
ctgttactgg	tacctaaccag	cagcccatgg	gcctcttcat	cggcggcaag	tgggttgagg	180
gtgtcgacaa	gggaaaattt	gaagttatca	acccctccac	cgaggagggtc	atcacctccg	240
tctgcgaggg	taccgaaaag	gatategacc	tggctgtcac	cgtgccccgc	aaggcttttcg	300
atggcgagtg	gaagcagact	actccccagg	ctcgaggcaa	cctctctctc	aagcttgccg	360
acctcgccga	gaagaacctc	gacctctctg	ccgctgttga	gtctctcgac	aacggaaagt	420
ccatcaccaa	cgtctgtggc	gatgtcggtg	ctgttggttg	ctgccttcga	tactacgggtg	480
gttgggcccga	caagattgag	ggcaagacca	tcgatattgc	ttcccagatg	ttccactaca	540
cccgatccga	gcctatcggt	gtctgcggtc	agattatccc	ctggaaacttc	ccccttctca	600
tgttggcctg	gaagatttga	cctgctctgg	ccactggtaa	cactatcgtc	atgaaaactg	660
ctgagcagac	tctctctctc	cgtctctgtc	ttcactcagt	tcctcgagca	ggctgggtttc	720
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tcgaagctqta	ctaaacatan	caaaagcaat	tgtggggact	tgggaangaa	atctggggcg	1620
cggttgtaact	cgatgancaa	tctgtatatg	attccacttt	attttacgta	tttgatgaaa	1680
aaatgttaaa	gaaatcgctn	aaaaaaaaaa				1710

<210> 15
 <211> 1253

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1) ... (1253)
 <223> n = A,T,C or G

<400> 15
 cacaaactac atcgaaaaac acttttaaaga aacccaagat aacttcaa at cactctcaaa 60
 cctggtcacc aaacatgtct ccccttctg ccatctcccc cacttcccgc tctgctgagc 120
 ttgctacctc taccaccaag ctccctgtcc acgcgggcaa gaacgttaac accaagacca 180
 ttgaggaaat gctcggtaac tgggatgact tcaagttcgc tcccatccga gagagtcagg 240
 tctctcgtgc catgactcga cgctaacttc aggacctgga cagctacgcc gagtctgaca 300
 ttgtcatcat cggcgtgga tcttgcgggc tgagcgtgc ctacgtcttg ggcaagaagc 360
 gacccgactc caagattgct atcatcgagg ctacagtgc tcttggcggc ggtgcttggc 420
 tggcgggaca actcttctct gccatgatca tgcgcaagcc cgtgatgct tctctccgtg 480
 agatcggcgt tccctacgag gacgagggtt attacgtggt tgtcaagcac gctgccctct 540
 tcacctctac catcatgtcc aaggttcttc agatgcccaa catcaagctg ttcaacgcc 600
 cttgtgtcga ggatctcatt actcgacctt ctgacgaggg tgttcgcatt gctgggtgtc 660
 tcaccaactg gactcttgct tcgatgcacc acgatgacca gtcttgcatt gaccccaaca 720
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 gcaagaagca gaatgagcag taaatgagtc tgtatcaaag aacctcaaaa atggaaaacg 1080
 gacacatcga ataaggctcc agaacctcgt ctctcattcg ggttgtggaa acttgtcatt 1140
 catttgaact attgttgact tgttcaagca tgaagaatat gtgaaccaag cttgaaagtc 1200
 aatttacagt taaacaaaat tgaataaaat aagtcattgc tttctgtatt cat 1253

<210> 16
 <211> 2504
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1) ... (2504)
 <223> n = A,T,C or G

<400> 16
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 ggtcagaggac atcactttgt ccacttggtt ttgtctttga gtccangta gacacaattt 120
 ccgagctttg ccggtttcgt catcatgaag tccgtctcga ctctctccgt ggccgctgtc 180
 gccagcgtg cctctttcag cgtcggcacc gtccacgaca aggcgcgtcc catcctcagc 240
 tccatcgaag ccgagaccat ccagactcgt tacatcatca agttcaagga ccacgtcgat 300
 gacgctgctg cctccaacca ccacatgtgg gttcaggaca cccacaccaa cggcaggtct 360
 gagcgctgg agctgcgaaa genatcctcc attccttca cagacaagac attctctggc 420
 ttgaagcaca cctttgacat ttgtgaggcc ttcaaggggt angcgggca ctttgacgag 480
 tccatgatcg agaaggtcgg aaaccacct gaagtcagat acatcgagcg cgacactctt 540
 gtccacacca tggctcctgt ctccaacaag gacatgatca ctgaggacaa gtgcgaaggg 600
 gagaccgagc gatcagctcc ttggggctct gcccgtgtct cccaccgtaa caccctcaac 660
 ttccgtacct tcaacaagta cctctactcc tccgatgggt gtgaggggtg tgatgcctac 720
 atcgtcgaca ttggtaccaa catcgaccac gttgactttg aggttcgtgc taaatggggc 780
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 ggtactgtcg ccggttaagaa gtacgggtgt gccaaaaagg cccacgtcta cgtgtcaag 900
 gtccctcgat ctaacggctc cggatccatg tccgacgttg tcaaggggtg cgagtttgc 960
 gccaccagcc atcttgagca aaaaaagaag gccaaaggat gtaagcgtaa gggctttaaa 1020
 ggtctgtgag caacatgtc ccttgggtgt ggcaagaccc angctctcga tgcctnccgc 1080

aacgctgctg	tccgcactgg	tgttcacttt	gocgtoctg	ctggcaacga	caacgccgat	1140
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gatgacagcc	gtgcctactt	ctccaactac	ggaaagtgc	ctgacatctt	cgccctgggt	1260
ctgaacatta	tgtccacctg	gatcggtaac	aagtacgccc	tcaacaccat	ctctggtacc	1320
tctatggcct	ctccccatat	tgttggtctc	ctggcctact	acctctcttt	ccagcccgtc	1380
ganggactcc	gagtaccgct	cttgcttttc	atcaccccca	agaagctcaa	nggagaacct	1440
catctccgtt	gccaccgaga	acgccctttc	cgatattccc	tccgacaccc	ccaacctgct	1500
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tnatnaagga	gctcaacatg	ttaagancat	aatcntatca	tgggtgtaatg	gntacgcata	1800
gggttcatnc	ggtataacgg	ccgatgggaa	tttgteacct	tggccttcac	cagcaaagat	1860
gatttctgccc	ttgtagtaaa	tgccaccatt	gggggttaatg	acttgagggt	tagctgtgtc	1920
aacgactgtc	accttctact	catccttgcc	taggggtccc	ttgcgcaaag	cntctgcac	1980
tttgagagaa	atcttctgga	tgatgggaag	cttggtcagg	ccagtgcctg	ccgcaggagc	2040
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gaagatgggg	tgcgtttctg	acgtagcaac	aagtgtcaga	gagggatcct	ttccgatgac	2160
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aacattgaaa	gacttctgat	caatgacctg	agccgtggag	ggaagtttgg	cagcggcaac	2340
gccacaaatc	ccgacaacaa	gggcagcaat	ggtggaaggc	atggcgaaatg	aggtagaagt	2400
gaaactgagt	ggtgtggggg	ccaagctgca	gaacgaagga	ggatgggtcag	gctgtactaa	2460
atatgtgcct	tggagaagct	ttatccacga	ttgatcatct	ccgc		2504

<210> 17

<211> 1227

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1227)

<223> n = A,T,C or G

<400> 17

gctttctctt	cctctctctc	agccaagtca	ttgttgtaaa	agccttgcc	ggcctgttct	60
tttttgctgt	ccttttctct	gtgggtccctc	ttctttgctc	ttgcatactt	cctccatctc	120
catacttgta	aatcaacaac	atctgcaaac	atgcgtgagg	tcattagcat	caacgtcgga	180
caggctgggt	gccaaatcgc	caactcttgt	tgggaacttt	actgcctcga	gcacgggtac	240
cagcctgatg	gttacctcac	cgaggagcgc	aaggcgcagg	accccgatca	gggatttagc	300
acattctctt	cagagactgg	caacggaaaag	catgtccccc	gagccatcta	ctgcgatttg	360
gagcccaatg	togtogatga	ggttcgcacc	ggtccttacc	gtaacctctt	ccaccccgag	420
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ggtctccagg	gtttcctcgt	tttccactct	ttcggtgggt	gtactggatc	tggtttcggg	600
gctcttctta	tggagcgcct	gtccgtcgac	tacgggaaga	aaancaaagt	ggagttctgt	660
gtttaccctg	ttcttnagac	cgccacctna	gtcgtngagc	cctacaactt	tattcttacc	720
acacacacca	ctcttgagca	ctccgactgn	tctttatggn	cgacaacgan	ggcatttacg	780
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cttactctcc	tgttatctcg	gctgccaagg	cgcgtcacga	ggccaactct	gtccaggaga	1020
tgacatgtct	tgtctcgagc	ctaacaacca	gatgtcaatg	tgaccccgcc	atggcaagta	1080
cattggccact	tgtctgctgt	acggcggtga	ctctcccaac	aagncacccg	ccgtgtctacc	1140
ttaanacaag	gaacancatt	cgtgacgggtg	cctatgggttc	aactggttcg	tacagcccca	1200
aantccaagg	gactencaag	tagcggc				1227

<210> 18

<211> 941

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(941)
 <223> n = A,T,C or G

<400> 18
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 ccttcgaggg gacgagcgac gcccacacct gactgttctt accgaagccc atgtctcaaa 120
 ggatcattgtt gagaacgatg togtacggg catcaacatc accctcaagt ctggcgaaaa 180
 gcacactctc catgtctgca aggagactat tctgtgcgcc ggtgcggcga tacaccana 240
 ctctctctca ctctggtatt ggccccaagg ctcanctcga gtttttcaac atcccccggt 300
 gcaaaggaca tctggtgtt ggcgaaaacc tnttggatca ccccgagacc atnatnatgt 360
 gggagctgaa caaggccgtc cntgcccacc aaaccactat ggactctgat gctggtatct 420
 tctctcgacg ggagcctaag aatgtgtgag gcaacgacgg tgatgctgac gatgtcatga 480
 tgcactgcta ccaaatttct ttccacctca acacagagcg tcttggatac cccaagatta 540
 aggatggtta cgttttctgc atgacaccca acattctctg cctcgtcttc gtggccgtat 600
 ctttttgacc tggcgcgacc ctactgtcaa gccttccctc gacttccgct acttcaccga 660
 ccccgagggt tacgatggcg ctactcttgt tcacgggtatc aaggctgctc gtaagatcgc 720
 cagcagagcc ccttcaagga gtggttcaag caggaggncg ccttggcccc aagattcaaa 780
 cccgatgagg agaatagcga gtacgcccgt cgtgtcgtc acaccgtcta caccctggcg 840
 gtccaccaag atgggcgata ccgaacgaga tgagatggct gttgtcaacc ccgactcaag 900
 gtccggggat naacaacttc gaatggtgag ctggnatttc n 941

<210> 19
 <211> 1727
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1727)
 <223> n = A,T,C or G

<400> 19
 cagatcaaca tcaactgctat caccaacatg cttactcaag tcttttatgg cttggtagcc 60
 agtgcccttt ggcaaggcca agtcgttgca tcaccaagca aggacaattc actggagcgc 120
 ttcattgaca aacaagctga tattttctatc aagggtgtcc ttgctaatat tggcgctgat 180
 ggaaaaaggg cacagggtgc agcgccctggt gctgttgttg caagtccatc gaaagaagat 240
 cctgattatt ggtacacttg gactcgtgac tctgctttaa cgtacaaaagt gctcgttgag 300
 agattcctcc acggcgacaa atctctccaa cgaaaagatag atgaatatgt ctccgcacaa 360
 gcgaaactgc aagggaaccac aaatccatcg ggcagcccag aatcggggcg tctcggcgag 420
 ccaaagttcc atgtgaatct cactgctttc actggatctt ggggtcggcc tcagcgcgac 480
 ggccctccgc ttcgggctac cgccttgact ctgtatgcag aatggctcat ttcccacggc 540
 gaaagatcca aggttttgaa caaagtctgg ccagtcacg aaaaggaact tgcgtatact 600
 accaagttct ggaatcgcac tggctatgat ctatgggagg aggttaatgg atcttctttc 660
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 tcgacgttcc agccttgctc acccagagct cttgcgaacc acaaggcggt cgtcgattct 960
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 cgatatagcg aggaagtgta ctatgatggc aaccttgggt acctggccac tcttgtgtgt 1080
 gcagaacaa cctacgctgc ggtctaccag tgggataagc ttggcgctgt tactgttgac 1140
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 tcaactggag ccccaagtc cgtgtttcac ctacactggt cctacgcgcg ctttgtcgcc 1380

acaactgaac	gtcgcgacgg	catcatctct	ccctcctggg	gcgaaagcag	cgccaacaag	1440
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aacgtgcaag	tttcatccga	ccaaaaaggt	tacgtgggtg	gctcagtgac	tgancctttct	1560
aactggtcac	ctgatgatgg	cattgcgctt	acgccatcta	gttccggagt	gtggaacgtc	1620
aaagggttaag	attccttctg	atccagcttt	gagtacaagt	atattaagaa	gactagcagt	1680
ggggatgtta	ctgggtgagt	gatcccaaca	acccggtat	tacnggt		1727

<210> 20
 <211> 887
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 20	
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ggaaattctg	ggaaagcctg acaaggaggt gatcctggat gtttaagatgg ataacttgaa 180
ggacggtaag	aattacgcct tcttcaacga catcacatat accgaggcca aagtccccac 240
gctctacacg	gcactcagtg cagggaagga cgccgaagac cctactgtat acggaactta 300
tacacactct	atgggtcctca agaagaacga gattgttcag cttgtggtaa ataaccttga 360
ctcgggtcgt	catcctttcc atcttcacgg tcatgcattc cagtctgtct atcgatccga 420
ggaagagctg	gtatttgggc cgataccaat gtcacagaca angatctgcc aaaaaccccc 480
atgcgacgtg	atactctagt tatatacccc aacggttaaca ttgtcatgcg tttcaaggca 540
gataaccan	gtgtctggct gttccactgt cacattgagt ggcacgttat ctctgggtctt 600
atcgctaact	tcgtagaaaa ccccttacct tccaagaaac cattgagatc ccaagaacca 660
ccttgatgca	tgcgtgcgcg ccgatatgcc taccaaggga aacctgctgc caacacagaa 720
gantttctcg	atcttactgg cgaaaaaaaa cctgccaaagt tttgctctgn ttttaacttgc 780
ggttngcct	cttttactga ttgnggattt tcgggggctn tgccatggac ggttttttgac 840
aattgattna	caggccgngc cttataaccgg ntgtnaaaac aatcgga 897

<210> 21
 <211> 1217
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1217)
 <223> n = A,T,C or G

<400> 21	
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taacatgtct	ctgtctgctt cccgagacaa gaccttgatc atctggaacc tcaccccgca 180
tgagacccag	tacggttacc ccaagcgatc tctccacggc cactctcaca tcgtctccga 240
ctgtgttata	cttcttgagc gtgcttacc tctgtctgct tcttgggaca agactctgcy 300
tctttgggag	cttgctactg gtaccaccac tcgacgatcc gtcggccaca ccaacgcagt 360
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catcaagctc	tggaaacacc tcgggtgact caagtaacac atcaccgata agggccacac 480
cgagtgggac	tcttgcgctc gcttcagccc caacccccag aacctgtcca tcgtttccgc 540
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cattgggtc	accggctaca tcaacaccgt caccatctcc cccgaagggt ntctgtgcgc 660
ctctgggtgg	aaggacggta ccaccatgct gtgggatctt aacgagtcca agcacttta 720
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acgaaggcga	gcggaagaag	gtagatcatt	ggtagggcgt	caattggntg	gcttncttcg	1080
nttggctctt	attgatgcaa	aggaaggggg	gcgattacaa	atctgacgag	ggcataacgc	1140
atctgctggg	tataaggcag	ccctgaaat	tacccgggat	tcctcctttt	gttctccaat	1200
aaagaactcg	agtttttc					1217

<210> 22
 <211> 1654
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1) ... (1654)
 <223> n = A,T,C or G

<400> 22						
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caaccatcaa	caatgacgtc	caaggaggaa	aagggtcgaca	tcggcactca	cacgccgccg	120
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cgcgaagact	ttcgcgagga	tgactttatg	acccgtaacg	gtctcaacct	caagtccttc	240
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atcttcaacg	tttccacnct	cttgggtgagc	ttgctgttat	gtaccccgtc	tctgggtgggt	480
ctctataccta	ctctactcgc	ttcatcgatc	cttccctgggg	tttcgccatg	ggttggaact	540
acntcttcca	atgggtcatt	gtcttaccac	tcgagttaac	cgtcgcctcc	ttcacccgtgc	600
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<210> 23
 <211> 2468
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1) ... (2468)
 <223> n = A,T,C or G

<400> 23						
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gctccccagg	ccaaagcata	gggtgtgtata	tagggcatta	aaggtatacg	agttggagtc	2340
tagagctctg	ccacagtcac	tacgatctcg	gaggaaaacta	taaggacaat	cattttaattg	2400
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aaaaaaaa						2468

<210> 24

<211> 809

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 24

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tgggtcagggt	tgtcttggtg	atccttttaa	gtcaaaacaa	tcattcgaat	gacctgcacg	180
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gacaacatgt	ccactagggt	caagaaccac	tgtatctctc	accatcggcc	tctcagggaa	420
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cttttctgan	ggaaagcaac	gttgtcnaaa	gtaggccctt	ttggtgggga	cgtaagggtga	720
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<210> 25
 <211> 1063
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1) ... (1063)
 <223> n = A,T,C or G

<400> 25						
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tgccgctgct	ctcgtctctc	agtctgctgg	tggcactggg	cacttcaactg	aggttctcaa	180
cggaaattgga	accattttac	ttgttcttgg	tggtgccact	ctcttgatcg	tttgggtctc	240
ttccttctac	agatctaacg	gcacggttga	cactctcctg	ttcactcttg	ccattaccat	300
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ctacctcgcc	aagaaacaag	ccatcgccca	gaagctctcc	gccatcgaat	cccttgctgg	420
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<210> 26
 <211> 1155
 <212> DNA
 <213> Fusarium venenatum

<400> 26						
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ctccgatgcc	gcccgatctg	cctccgatat	cgtcttccct	gctcctggct	taggggcat	240
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tcacttttgc	tacgtccaaa	tttgacctgt	aatactcaca	cccgagtact	gagactcctg	1080
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taaaataata	ttttg					1155

<210> 27
 <211> 1322
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1322)
 <223> n = A,T,C or G

<400> 27						
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cttgggcatg	ccccattcg	tcgctgactt	cctcatgggt	ggtgtctccg	ccgctgtctc	180
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aa						1322

<210> 28
 <211> 1142
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1142)
 <223> n = A,T,C or G

<400> 28						
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agtactccat	cgtcgtctgt	gccactgcct	ccgaggctgc	tctctctccag	taccttgccc	120
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gttccgattt	ggatgctgct	accaagcaga	ccctcaaccg	tggtgagcgt	cttaccgagc	660
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tcgaggggtc	gcgcctggat	ggagcgacgg	gaatgagttg	agggagattc	gcccgtcgta	1080
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ga						1142

<210> 29

<211> 2298

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(2298)

<223> n = A,T,C or G

<400> 29

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cggatctgat	ttgggtacca	cgtactcttg	cgtgggtatc	ttccgtgagg	atcgatgtga	180
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gaagcacttn	ccttttcaaat	nategacaan	gncggcaagc	ccttnatcga	ggtngagttc	420
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2298

<210> 30
<211> 994
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(994)
<223> n = A,T,C or G

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gttcgcccgta gcttttttga agtcaagcac atcaagcgca caatcgacgc catgtctgtg 180
agcaagctga atcgcttcca ccttcaacat actgactcgc agtccctggc tctcgagatc 240
ccagccctac ccaaaactggc cgaaaagggt gcataccgca aaggcctgac ctactctctc 300
gaggatcttg ccggtattta tgagtatggt atccaccgcg gagtccagggt catcatggag 360
attgacatgc ccggccatat cgggtgtcgtt gagcttgccct ataaggatct cattgtcgcg 420
tacaatgaga agccttatca atggtggtgt aaggagccac cctgtggtgc gttccgcctg 480
aacagctctg atgtttatga ctttctcgac actctttttg atgacctctt cctcgcatt 540
tccaagtaca gtccttactt ccaccttggg ggagacgagc tcaaccacaa cgattccaga 600
cttgaccctg atgtgcgcct taacgaaacc gaagttctgg ccctctttt gcaaaagttc 660
gtcgattaca ctcacggcaa ggttcgagat gccggcatga ctccgttcgt ctgggaggag 720
atgattaccg aatggaacat gactctgggt aaagacgttg tgattcanc ctggctcgtt 780
ggcggtgcta tcaaaacctg gctgaggctg gtcacaaggn aatcgatagt gattacnact 840
tctggtacct tgactggggg ccgtggacag nggntaactt tgacaaccgg cgatcctttc 900
aaacatacta cccctttaac gactggngcg gnetacaaa actggngggg tatttactcc 960
acgaatcttg ggccgctat ccaggaacaa ccaa 994

<210> 31
<211> 1124
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(1124)
<223> n = A,T,C or G

<400> 31
ggccaataca tcaccggcga agattactga ggagcagcga ttcgatatta tccgaaatgc 60
ctgcctgggt ggtggtgctt gtggtggcat gtacactgcc aacaccatgg ctactgccat 120
tgagactttg ggacttaccc ttcttggtag cagcagcagc cctgctgagg accccagtaa 180
ggtcgccgag tgtgaggctg ttggacctgc tatecgcaac attctcaagg aggatatccg 240
acctcgtgac atcatgactc gtcaagcctt tgagaatgcc atgategtca ccaccatcct 300
tggtggcagc accaacgctg tctgcaact tategccatt gotgactctg tcggtatcaa 360
actcgacatt gaggacttcc aaaaggtttc cgacgcact cctttccttg ccgacctgaa 420
gcctccgga aagtgggtca tggngatctat gcnangatt ggtggtaact ctgctcttct 480
caagttcctc ctgaangaag gcattattga cgtcttggtt ttactgtcct ggtaaaacca 540
tgaagcagaa cgtcgaggac ttgctggat tccccgagga ccaaacatt attcgcccc 600
tgagcaaccc tatcaagcct accggccaca tccagattct tccgggtcgt ctggccccctg 660
gtggtctgtt tggttaagatt actggcaagg aggtctctcg attcgagggt aaggctcgtg 720
tctacgactc cgancocgoc ttcatctcta gcttgagggc tgggtgagatc aagaagggtg 780
agaagactgt cgtcatcctc cgatacgacy gacccaaggg tggctcctggc atgcttgaga 840
tgctgaagcc ttcttctgcc atcatgggtg ctggtcttgg tcaggatgto gcccttctca 900
ctgaaggctg cttctctggg ggttcccacg gtttcttatt tggccacatt gtcctgaag 960
ccatggaagg tggctctatt gcccttgctg aagacggtga tagcatcgto atcgatgccg 1020
agtctcgtgc tategacctt gttgttcccn aaqgaagaag tctccccgc cgaaggctt 1080

ggaaagcccc tcttccccgg tacaccaagg gttactetca gcaa

1124

<210> 32
<211> 935
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(935)
<223> n = A,T,C or G

<400> 32
gaatngcccg aaaattgttt attgggagat gccgcgccat catttntggt ctgcgttact 60
acactcgaac tattatacaa cattatgcct tctgcacga gcgcataatgc caccgggagg 120
ttatcagc ttacctgacc cctcgcctta cctttctcgc aatctcgtt ttcacgcagg 180
ggctatgata acctccatcg tcnagaacct cgtcgcacat galcagctac ggtattgncc 240
cgctttgtt gtatacagtc tattctcagc cctcattatg catgtctatc aaatgaagtc 300
accagtaccc tcgattcagc aggtaaccca agacagggtg cgtagctgca tgtcagctat 360
gaaggaaatc tcacgggttt ggcttgctcg gaagatggtt tacgcccctt ttgaatccat 420
catgggaaac aaggtactgg aagagcgact tcaaagggct gaaggcaagc gacaccgaaa 480
tttgcgccaa acactttctc aattggaaca acagcaaaat cgacaggccg aggcaaccaa 540
gcggaagtat gatgacatgg ccacgcactt tagtaccaat acgccttagc cttaggagtc 600
ttacgagaga tcacggcctc aaacgcctag tgctgcaaga cggagccaac aagctcgatg 660
cagcctcgc cggtgacgtc ttcaaacgca agacagagta cagccgcact tcatgggagg 720
nacgaactca cgtncacaaa ctgcaccagg aacgcctttt aatncatctt ttttntccg 780
ccacaccttc tgactatttt ggtacaagga ctcttcgacc ttcacaatct tttgggaaac 840
ttcagcaga caattattct tgttaggntg gtttgacgt tccgaactnn gccacgcaaa 900
cactcatttg acacacacat ggttcantcc ccggt 935

<210> 33
<211> 937
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(937)
<223> n = A,T,C or G

<400> 33
ttcgtcgtga agtgcgtgtt ttcatttccc caataaccac aatcaaaaaac gaaactatgg 60
ctgaaaagcgc aggaggaatc gatcgcaagg ccgatgagag gatggagttt tccacctcca 120
aggaggttac ggtccatcct actttcgagt ccattgtcact gaaggagaaac ctcccttcgcg 180
gcactctacgc ttacggatac gactctcctt ctgctgttca atctcgtgcc atcgtccagg 240
tctgcaaggc ccgtgacacc atcgcccagg ctcaatccgg tacaggaaaag accgctacct 300
tttccatcag tatgctgcag gtcacgcaca ccgcggtgcg cgagacacag gccctagttt 360
tgtcaccacc acgagaattg ggcactcaga tccagtcctg cgtaatggcg ctgggtgact 420
acargaanct ccaatccacc ccttcttatcg gaggtacaaa cgttggtgaa gatatccgca 480
agctcgabta ggcacaglac attgtctctc gcactccagg gcgtgtggaa gacatgatcc 540
gagacacaca cttgcgcact aggcataatc agatgctggt tctcgatgaa gctgacgagc 600
tctcacaaca gggatttcgt gacgagatct acgatgtcta ccgggtacct cctcctgcc 660
cacaagtctt ggtcgtcagt gccacctgc cttacgatgt cctcgacatg acgaccaagt 720
tcattgacga tctgttctgc attctcgtcc agcgtgaaga attgaccttc gaaggtctca 780
agcagtactt catcgccglt gagaaggagg actggaggtt tgatccctta tgcgatctct 840
aggacacctt cactatcacg caagccgtca tcttctgcaa cacacgcgcg aaggttgact 900
ggctcaccga caagatgcc aaaccaactt taccgtc 937

<210> 34
<211> 975

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(976)
 <223> n = A,T,C or G

<400> 34
 cgataccctt actggcagcc agccttttgc ccacgggtgt gatgttcgat ccaacttcct 60
 tttcaactct cagatctggg gaattgagga ggcgcagcgt atcctgattg ttggcagcaa 120
 ccttcggcac gaggetgccc ttctcaacgc cegtatccga aagcagtggt tccgatctga 180
 cctcgagatt ggtcttggtg gtgagacatt tgactccacc tttgagttcg agcactttgg 240
 tgccgatcac gctgctctca agactgctct ctctgggtccc ttccggcgaga ccctgaagaa 300
 cgcctaacga cctatgatca ttgtcggctc tgggtgtcact gaccacgctg atgccaaaggc 360
 tttctacgag accattgggtg ccttcgttga aaagcagccc tataacttcc gaactgagga 420
 gtggcaagggt tacaacgtcc ttcagcgtga ggtttctcgt gctgggtgctt tcgaggttgg 480
 cttcactact ccttctgctg aggtgccccaa aaccaagccc agttcgtctg gcttcttgggt 540
 ggcgcagatg tcaacgaggg cgatatcccc aaggatgctt tcgttggtta ccaaggtcac 600
 catggtgaca anggtgcccc nategetgat atcgtcctcc ctgggtgctgc ttacactgaa 660
 aagggcggta cttacatcaa cactgaggggt cgtgttcaaa tgactcgagc tgccacttct 720
 ctgcctgggtg cctcgcgaac tgactggaan atcctccgag ctgccagtga attcttgggg 780
 ctccctttcc ttacaatgac gtcccattggt ccgagaccgc atggtcgaaa taacctnct 840
 ntggccgcct acaagtttgt tgaaccgcgc ncttcccttg ttgancaag gttaacttgt 900
 aaacaaaaca agggtgccaa ngnttcggga notcccctaa aaaagttatc ncaactttta 960
 ctttacaat tgtttt 976

<210> 35
 <211> 918
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(918)
 <223> n = A,T,C or G

<400> 35
 ccactgtaga gtggtctcaa gagcgatata ccgagtgcac atccaaaactc gcacagtttc 60
 ttaagggtac tggttacaac ctcaagaacg acgtttactt cttgccaatt gctgctcagc 120
 aaatgaaggg catcaagacc cgtatcccca aggaagaagc tccctgggtg gaggtccct 180
 cgtctgtcga gtacctcgac agcatgaang cgtctgagcg taaggtaaat gctcctttca 240
 tjttagccgt caatggcaag taccgtgata ttggtacaat ggtagaggga aagattgaag 300
 ccggtgttgt taagaaaggc atgaacatga tcatgatgcc caacaagcaa agtgttgaag 360
 ctgccgcctg ctacggcgag caggaagatg aaattcaact ggctcaatgt ggtgaccaag 420
 tgogaattag actcaagggt atcgaggaag acgatatact gcccggtatc gtgctgtgct 480
 caccaaaacca acttgtgcac actgtcaccc aattcgaggg ccaaatccct attttgaagc 540
 ttaagaatat cttgaccgct ggtcccaact gtgtttctca cgtccactcc gccattgagg 600
 aagtgcattt cgttagcctt ctacacaagc taaaaaaggg aaccaaccgc aagagcaaga 660
 aaccacctac acacgcgaag aagggcgana gcattatggg ccgcattgcag gtgattggcg 720
 gacangcgct gtgtgcgtgg agaagttcga ggactacccc cagatgggtc gcttcacatt 780
 gagagaccag gacaaacctt cgtatttggc aagatcacaa ggntcatctn tgacgaactt 840
 aaatgaatta tgaatgggtc tttgaatcac ctaggacacg aattatttgt acgnccaaaa 900
 ggatagtggg cattggca 918

<210> 36
 <211> 1316
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1316)
 <223> n = A,T,C or G

<400> 36
 aaacacaaca actactttctt tcttcaccaa aagaacctcc ttaacaaaat ggctcccatc 60
 aaggctcgga tcaacgggtt cggctgtatc ggccgtatcg tcttcgcaa cgcgctcgag 120
 cccccgaca tcgaggttgt tgctgtcaac gaccttttca ttgagcctca ctacgcgctc 180
 tacatgctca agtacgactc tccccacggg ctcttcaagg gtgaggtcgg caaccagggc 240
 aacgacctcg tcgtcaacgg caagactgtc aagttctact ctgagcgtga ccccgccaac 300
 atcaagtggc ccgagacggg cgcgactac gtcgttgagt ccaccgggtg ctccaccacc 360
 attgacaagg ccaaggccca tcttcagggc ggtgccaana aggtcatcat ttctgcccct 420
 ccgccgacgc tcccatgtac gtctcggtg tcaacganaa caagtacgac ggntctgccc 480
 acatcatctc caacgctttt tgcaccacca actgcctggc ttcttttcgcc aaggctcatca 540
 acgacaagtt cgggtatcgtt gagggtctta tgaccacggt ccaactctac actgcccacc 600
 aaaaaaacgg tcgatgggtc ctccgccaag gaactggcag gttggcgtgg tctgcccaca 660
 aaacatcatc cctccagca ccggtgcgc caaggctgtc ggcaagggtc tccctgagct 720
 caacggcaag cttaccggca tgtctatgct tgtccctacc gccaacgtct ccgttgctga 780
 tctgactgtc cgccttgaga aggggtgctt ttacgaccag atcaagcagg tcatcaagga 840
 ggccctctgag ggtgacctca aggggtgctt ggccctacac gaggacgacg ttgtctcttc 900
 tgaccttaac ggcaacacca actcctccat ctctgatgcc aaggccggta tctccctcaa 960
 cgacaacttc gtcaagctgg tctcctggta cgacaacgag tggggttact cccgcccgtg 1020
 cctcgacctc ttggcccacg ttgccaaggc cgatgcctcc aagtaagcgc agagcgtca 1080
 aggggctgga agcaaaaacca aacctaatga gacgcgacat gataaagatt ccagtcggctc 1140
 gtgtgtttta atgaagcaaa gaaatgaaag caaataaaaa taccaaaatc cggggagatt 1200
 gtgggagggg atgacaacga ggttggtatc atcggctcga gttccctact agacaattga 1260
 tcttagtata ggcgtggaca gaaaaaatat agatccatcc ctcttgaaaa aaaaaa 1316

<210> 37
 <211> 1189
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1189)
 <223> n = A,T,C or G

<400> 37
 cttcatcaac acctcaacct ccatctcgac cgccaccttc gtcgacctcc tcccccggtt 60
 cgacatcgca ttccatacgg ccacagtcgc cgaattttat tatctcacct aataatcaat 120
 ccgataacgc ggcagtttct ccqcccaata tqgctcctaa gaaggctgcc aacaacagca 180
 gcaagtccaa cgaggacgat ggatacacag ctggtaaaaat ctactccatc tccggctctg 240
 tcgtcattgc tgaggacatg attgggtgtg ccatgtacga gttgggtcaga gtaggacacg 300
 acaacctcgt tgggtgaggtt atccgaatca atggcgacca ggccctctatc caggtttacg 360
 aggagacatc cggcgctcat gttgggtgacc ccgtctaccg aaccggaaaag cctttgtccg 420
 tcgagcttgg tcccggtctg ctcaacggta tctacgacgg tatccagcgt cccctcgagg 480
 ctattttcaa gatggccaag tccatttaca ttcccccgcg tatcgccgtt cctgcccctg 540
 accgagaaaa gaagtgggag ttccacacct tcttcaaggt cggcgaccac ctctctgggt 600
 gtgatgtttg ggggttcgtc tttgagaact ctctccttgc caaccacaag attctgttcc 660
 ctccctcgcc ccgaagaaac cgttaccaat atcgccctcc agggcgagta caccgttgct 720
 gacaacatcc tcgaggtcga gttcgatggc nagaagaccg agtaccocat gatgcagtc 780
 tggcctgttc gagtgcctcg tctttccaac gataagaatc tgccgatcag ccttccattg 840
 tgggacagcg agtctctgac ggccttttcc ccagtgttca nggtgggtacc gtcgcentcc 900
 ccggtgcttt ccggttggtga aagactgtca ttagtcagtc tgtgtccaag ttctccaaca 960
 gtgaagttnt tgtctacctt ggttggtgtg agcgaagtaa ccnatggct gaagtcttga 1020
 aagatttccc cnancttacc atttaagtcg acngccgcca ggagcccttc ctgaacgaac 1080
 cacacttatt ggcnacactt ccnacatgcc cgtcgctgcc cnaaaaaact ccatttacnc 1140
 nggaaattac gggggctgaa tatttccgcn atcagggtct cagctcccc 1189

<210> 38
 <211> 1105
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1105)
 <223> n = A,T,C or G

<400> 38
 ctggaaggac atcgtcacct togatggctg tgctgaccac cctgccaaagt ctcaggactc 60
 gatcgagaag atcatggcca acatgcaaaa cacaagcaag gccaaaggaat cctctgggtga 120
 acctgattac aagaagggtca ttgctgaaac tgtcaagcag gagggaagc ctactgagta 180
 caaatttgag gagegagatg ttatcctcta taaccttggg gttgggtgcta agcgcaccga 240
 ccttaaglac accttttgagg gctctgaaga ctccaggtt ctcccaactt tcggagtcct 300
 ccttcctttc aacgcgcaga tgccctttcaa ctttgacgac attgtgcccc acttctctcc 360
 catgatgttg cttcatggag aacagtatct cgagatccgc aagttcccta tccccaccaa 420
 cgctcgtctt gttagccgag gtgcgcctct cgaggtcgtt gacaagggta atgcttctgt 480
 tgcccgaagc tccaccacta ctggttgacgc caacactggg gaggatgtct tctacaacga 540
 gtccagcgtc ttccctccgc gtacaggtgg ctggggcggt cccaagcgtg gtgccgaccg 600
 cgggtgccgc actgctgcca acaagccncc tgctngcgt cccgatgtcn tcgtcgagtc 660
 cccacacac gatgaccagg ctgntatcta ccgcctgagc ggcgactata accctctcac 720
 atcgatcccg agttingccaa gggttggtggc ttcaaggccc ccattctcac ggctctgca 780
 gcttnggtgt tgccggaaag gccgtctacg agcgtctcgg tgctttcaag aacattaaag 840
 tccgcttcgc tgggtgttgt atccccggcc agaccattgt cactgagatg tggggtgagg 900
 gcaacagaat tatctttcag tccaagggtc aggaaactgg caagcccgtt attgccgggtg 960
 ctggccgttg acctaaaggac cgaccggtaa gagcaagctt ntaaacaaac attgggttctt 1020
 caonggagtt tgnaaggga tttggggaaa ntcaaaatgn cenggggggtt tggacctttc 1080
 aatctganag ttaaattgtt gctgg 1105

<210> 39
 <211> 977
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(977)
 <223> n = A,T,C or G

<400> 39
 nattttttnt ccttaaatat cctcatcttt tcaaattgnt tggtcocaaag tggacggttt 60
 tttacaattn aaaaagcgtt tccaagcttt ttggtaaagc gaagnagggc ttctttttttg 120
 cttttcccn actgggttaa ggctgntacc caaaaagttc gaatttcaaa atngctnggt 180
 caaaactaat cctgacaatg ctttcgaacc ccaagtatgt ggaatnatgg gcaatggcca 240
 tttctacatc gaggtggata ttggcgaccg ggtatcatcg atggcatata atctaagaaa 300
 asaattctact ttcttacact ttntgggctc tacatgaatg gnaacaccca catggatggn 360
 cctgctggng gtaagcaatg nctcaatggg tcttggaacl aagttttata tacaacttca 420
 ctgggtgatca agcccggcac aaactgggtt tcacaagtca cactgcagca caatatccag 480
 acgggtctacg cgggcccctt atcgttcacg ataaagactt cccgtatcaa aagaaatacg 540
 atgaagaggt tatcctcaca ctttctgatt ggtatcatga tgaaatgggg tcgctcatal 600
 cacaattcat ggccaagtca aatccttcag gcgcgagccc tgtgcctaag aacgcctca 660
 tgaatgaaac cacaacttc acaatgcctg ttcaacccga aaaacatata ctgttccggg 720
 tgatcaatgt cgggtgctttt gcaggctcaat atctctgggt tgaaggggac aaaatggcaa 780
 tcgtcgaggt tgatggcatt tacaccgagg aagctgaggg agaaatgata tacatctcgg 840
 ctgcacaacg agtcagtttt cttttaacta ccaagaacga cacttctaaa aacttctat 900
 tggttctagc atggacactg tgagtaaaact ccttcaaaat gatcacaggg aaagtaccac 960
 aacatcttag actcttt 977

<210> 40
 <211> 1299
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1299)
 <223> n = A,T,C or G

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<400> 40
ctcctcgccg cctgcacgt ctacggaacc gagaacatga actccatgaa gtcttaccag      60
atccccatcg gtatccagtt cccctgggct gtcacctctg ctgtcgggtct tttcttcctc      120
cctgactctc cccgataact tgtcaaaagcg cgggtcaaatc gaaaaggctg tcgacgctct      180
cgcccggtgtc cgtgggtcagc ccaaggactc caagtagctc cagttctgaga ttgcccagat      240
tgttggccaac gaggagtagc agcgccaaat cattccctcc acctcttggg tcggctcttg      300
ggccaactgc ttcaaggggt ctctctggga tggcaagtct aaccttcgcc gaactatcct      360
cggtaacttct atgcagatga tgcagcagtg gactgggtgc aacttcactc tctactactc      420
tactcccttc ctcaagtcca ccggtgccat tgacaacgtc ttctcactc ctctcgtctt      480
cacactcgtc aacgtctgct ctactcctct gtctttctgg actgttgagc gattcggctg      540
ccgatccatc ctctcctcgt gtgctcttgg tatgcttata tgcagttcc tcgtcgtat      600
cattggtgtt accgtcgggt ttaaccacac ccacgcttcc cccactgagg ccgacccga      660
ccgcatgata gccaaacaaca tcagcgtgtt caacgcccag attgctttca ttgccatctt      720
catcttcttg ttgcctcca cctggggccc tgggtgcctg atcgtcatcg gcgagatctt      780
ccccatcccc atccgatctc gtggtgtcgg tctctccacc gctccaact ggctctggaa      840
caccatcatt gctgtcatca cccctacat ggttggtgag aaccgaagca acctcaagtc      900
ctcgtcttcc ttcatctggg gtggtctctg cacctgcgct ttctctaca cttacttctt      960
cgttccccga aacaagggtc tgtctctcga gcaggttgat aagatgatgg aagagacact     1020
ccgaanctc tgccaagtgg agacctcact agaactttgc ccagaccatg ggtgctgggtg     1080
atgttaagat cgtccccaag accgagcatg acgaccacgt ctaancttgt tgcacacaa     1140
gtcttggtat ttgtttgatg tggaggaaaag ttttctattt taattatacc tgaatgtttt     1200
ggagggtcatg gtgttatgat ctaagatgat gagaacgcgg aagtatattg aaaaataatg     1260
tgtatatata tcaaacagaa ngaaaccaac atnttttctt      1299
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<210> 41
 <211> 3203
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(3203)
 <223> n = A,T,C or G

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<400> 41
tacagcccat catgtacttc gtttcttccg ctttctctct cggctcattt gctctacaga      60
gcgtcttggg ccgaccagcc ctacaagaaa aggcaatctt ctctcgaatc cttcatcaat      120
tcggagaggt cgattgctat ccagcaactc ctgtgcaaca ttgggtctga tggctgtcac      180
tctcaaggtg ttgcttccgg tgttcttatt gggtctccag ataccgagga cctgactaac      240
tttttcactt ggactaggga tgetgctctt gtctttaaat atgttataga taggttcact      300
aaccagtagc acgttggeet gcagaaaaag atccaacaat acattgcata tcaagccaag      360
cttcagggag tttctaaacc ttcaggatcc ctctcagacg gttcaggttt aggagaagcc      420
aagtagcagg ttgatcttag cccctttact ggtgggtggg gtcgacctca gcgagacggt      480
ccagctctcc gagctactgc catcatcacg tatgctaact gqctgattga taacggatac      540
acttctaccc cctctgacat tgtttggcct gttgttcgca acgatcttaa ctatgtagct      600
caatactgga accaaaaccg ctttgactta tgggaagagg tcagggggaag ttctgtcttc      660
acaaccgctt ctcatgacc agctctcatt gaaggcgccg ctctggccaa aaagctcgga      720
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<210> 42

<211> 859

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(859)

<223> n = A,T,C or G

<400> 42

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<210> 43

<211> 957

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(957)

<223> n = A,T,C or G

<400> 43

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gaacaaccgt	ctgactacag	atgagcagtt	cttcattctc	cacattcttg	ctttcttcgc	300
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ccccgaggct	cgatgcttct	acggtttcca	gatcatgatg	gagaacatcc	actccgagac	420
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<210> 44

<211> 2780

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(2780)

<223> n = A,T,C or G

<400> 44

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aggttgagcc	atcaccagaa	ccaattctca	aaacattcaa	ttgacataac	cacatcttct	180
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<210> 45

<211> 1278

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1278)

<223> n = A,T,C or G

<400> 45

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<400> 46							
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<220>  
<221> misc_feature  
<222> (1)...(1928)  
<223> n = A,T,C or G
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<210> 48

<211> 1563

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1563)

<223> n = A,T,C or G

<400> 48

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<210> 49

<211> 1670

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1670)

<223> n = A,T,C or G

<400> 49

cttgttttcaa	ttactaaaac	agaataatgg	cttctcctcc	tcatgttggg	agtctctccc	60
gtcttctctgc	caacttgccg	ggtgggtattg	agtctgtcac	gcgcggtaga	cataatgtgt	120
cttggcctttt	gctaaacctc	gatctattgc	gcaacatcct	cctctttctt	ttcttttggc	180
gatggacccg	tgcgcgcttc	tggcagctna	aaggctcgtg	tattatcggc	tncgtcgtcg	240
agctatacac	caacatccgg	cgcattcctnt	acgggtactt	ncttcgagcc	cccggcgtgc	300
gaagtaaggc	caacaacagg	tcaacgaatc	cttgggttaa	ctatccgata	aagctagttc	360
caaagaccag	attcgcctacc	tcacgctaca	aaggagggat	tctnttatga	tgtcgtgcgc	420
tccgagctcg	agaacctcgc	caacatggac	cacacgcgct	gggaggatgg	gtatgtctct	480
tgggtgctgtg	taccacggag	aggatgaact	ggttggtctg	cagactgagg	cgtatggaaa	540
agttcacctg	gccaatccat	tcattccgat	gtcttccctg	gtgtgcgcaa	gatggangct	600
gaagttgtgg	ccatgggttct	gagcatgttn	cacgcccctt	ctgggagccg	tggacatnta	660
ctagcggagg	aactgacagt	atcttgatgg	cttgtctggc	tgtcgcgcaa	aaggcttatg	720
ctgagcgtgg	agtgcagag	cccagatga	ttctcccaga	gactggtcac	actgctttcc	780
qcaaggctac	tgagtacttc	aagatcaagg	tccacctcgt	cgcattgcga	gctcccaggt	840
accaggttga	cgtcaacgct	gttcgcgcgt	taataaaccc	caaacagatt	atgctagtct	900
gctctgctcc	caacttccct	cacggtatca	tgcacgacat	ctctgctctg	tccaagcttg	960
ccctccgcaa	gaacctcttg	cttcacgttg	actgctgtct	gggatccctc	ctgggtccctt	1020
tcttcgagcg	tgtctggttt	gaaactctgc	tgtttgactt	ccgactgaag	ggtgttacca	1080
gtatcagctg	tgatactcac	aagtaacggt	ttgcgcccga	aggtaactcg	actgtcctct	1140
accgaacggc	cgagcatcga	aagttccagt	actttgtttc	ccctgattgg	tccgggtggtg	1200
tctacgcttc	tcccggtatg	ggtgggttct	cgacctgggtg	ccctcatcgc	tggttgctgg	1260
gctagtttga	tgacctgagg	tgagtcgggt	tacatcgatg	catgcaccaa	gatcgtggga	1320
accgccaana	anatacccca	ggntatccac	accaccccag	cattgggtgg	cgagcttgag	1380
atcatgggaa	agcctcttgt	ctntgttgtt	gcattcacag	ctcgcaatct	caacgtctac	1440
natattgccg	acggtatggg	tgccaagggg	tggcatctca	acgntnttca	gagccctcct	1500
gctatccacg	tgcgcgttnc	tctgcccata	accaaggtgt	ggaagaatct	nategccgac	1560
ctcgaggctg	tgtttgaaga	agaaccccaa	aaagaacgtg	ttcntttant	tgagggcaag	1620
ggtacccatg	gtnacgccat	gggtgacccc	tcacattgng	cggggggtgn		1670

<210> 50

<211> 633

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(633)

<223> n = A,T,C or G

<400> 50

ggaagtccga	tttgtgggaa	gcgcgaagca	ttccctcccc	acccggcgac	gatgagacca	60
atgaagccat	cgttttcggg	tatcttgttg	cctgggttct	gggcgagttc	gtctgccacg	120
agaaaaagaa	ggctgttatt	gtcacttcc	acgagtggct	tgttggcgtt	gtctgcccc	180
tctgcaagag	acgcgcgcat	gatgtcacga	cgatctttac	cacacacgct	actcttctcg	240
gccgataacc	ttgcgcgggc	tcogtggact	tttacaacaa	cctacagtgg	ttcgatgtcg	300
atgctgaagc	tggcaagcgt	ggtatctacc	acaagatact	gtattgagcg	agctgccgca	360
catgcttgcg	atgtttttac	cactgtttct	cacatcacag	ctttcgagtc	agagcatctt	420
ctgaagcgaa	agcccgatgg	tgtttctgccc	aacgggctca	aogtcacaaa	gttctctgct	480
gtgcacgaat	tccagaacct	gcancagcan	gcaaaggaga	agattcacga	ctttgtccgc	540
gggacatttc	tatgggcact	acgactttga	tgtcgataac	acattgtatc	tcttactgc	600
tgggtccggt	acgaattcaa	ggaataangg	cgt			633

<210> 51

<211> 749

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 51
 gaaagctgac catcaagaca accgacatgg aggcagttta tgatatgggt agcaagatga 60
 ttgacgccat gaccaaggag cgcgttatgg ctggcgatat catctcgatc gacaagtctt 120
 ctggcaagat caccaaactc ggccgatcct acgctcgatc tcgcgattat gatgccatgg 180
 gcgtcgatac aaaatttctt caatgccccg acggagaact tcagaagaga aaagaagttg 240
 tgcatactgt gactcttcac gaaatcgacg tcatcaactc gaggacacag ggcttcttgg 300
 ctctattttc aggcgatact ggagagatgc gcagcgagat tcgagatcaa atcaacacca 360
 aggttggcga gtggaaggaa gagggcaagg ccgagatcgt tcttggtgtg ttgttcattg 420
 acgaagttca catgcttgac attgagtgtc tctcatatc caatcgagct ctcgaggacg 480
 atctggcccc tgtagtcatt atggccagca acagaggcaa ctacgcatt cgtggtactg 540
 attatcgaag cctcatgga ctgccccctg acttttttga ccgagtttcc atcatcaaca 600
 cgcactccta cacacccgag gagatcaagg agattctatc tattngagcg caagaagaaa 660
 taggtcgacg tacacccgng acgctctcgc cctccttaca aagatcgggc aaganggggg 720
 tcttcgtaca ccagcaatnt tatcaccac 749

<210> 52
 <211> 1283
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1283)
 <223> n = A,T,C or G

<400> 52
 ctcaaccaaa ctttccacga tacatacgac ttaataccat tcatcatgtc ttcattctctc 60
 gacgagctca aggccaccgg cactactggt gtgtccgact ctggtgactt tgtctccatt 120
 ggcaaataca agcctcagga tctaccacc aacccttctc tcatcctcgc tgccttctaag 180
 aaggaggagt acgctaagct gatcaacgct gccatcgact acgctaagca gaagggtggc 240
 tctatcgacc agcaggttga tgatgccccg gaccgtctcc tcgttgagtt cggcaaggag 300
 attctcaaga tcatccccgg caagggtctcc acagagggtg acgctcgtta ctctttcgac 360
 accgaagcct ccgtcaacaa ggcctctccac cttattgagc tctacggtga gcagggcac 420
 tccaaggacc gcattctgat caagatcgct gccacctggg agggatatcaa ggctgctgag 480
 atcctccagc gtgaccacgg natcaacacc aacctcacc tgatgttctc tctcgtccaa 540
 gccatcggtg ccgcgagggc tggcgcttac ctcatctcac ccttcgtcgg ccgtatcctt 600
 gactggttca aggcctccac caagaaggag tacagcaagg aggaggatcc tgggtgtccag 660
 tctgttaagc agatcttcaa ctactacaag aagtaaggct acaacacccat tgnatgggc 720
 gctnatctcc gaaacactgg cgagatcact gagctcgctg gctgtgacta cctgaccatc 780
 tctcccaacc tgcctcgagga cctcctcaac tctcccgagt ctgtccccaa gaagctcgat 840
 gcttctcang cctcttctct agacatcgag aagaagtctt acatcaagga cgaggctctc 900
 ttccgcttcg acttcaacga ggaccaaattg gctgttgaga agctccgaga gggtatcagc 960
 aagttcgctg ctgacgctgt aactctcaag ggcattctca aggagaagct tgcctaaatt 1020
 tctacgcacc tgaagggtga aagaaaatga tttnaaaagt tacaaaactc ccgtccaagg 1080
 aagaaacagt atttgagttg attgcgaaca atgagcttgt tntgctgcn ggcatcttt 1140
 attgaanggt gccgattatc cacatacctc rnrntctaaa acccttacct cmttagtga 1200
 angcatgngg gattaacggn tgataggaca tcanatgtcc tggaacanat agngctcata 1260
 acnaattgaa cacccttcc ccc 1283

<210> 53
 <211> 651
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(661)

<223> n = A,T,C or G

<400> 53

cgagtactgg	attttctcaca	acttgtccaa	ggcctttgag	agtttggtcg	gtcccggtac	60
ttgtttgcct	ggttgtttct	caatgtatcg	aatccgcgct	gctgagactg	gcaagcctct	120
gttcgtcagc	aaggaaattg	tcgaggatta	ctctacaatt	cgtgtcgata	cccttcacat	180
gaagaatctg	cttcaccttg	gtgaagatcg	ataccttacg	actctgctcc	tcaagtacca	240
cgccaagtac	aagacaaagt	acctctacag	cgcgcaggct	tggactattg	cccccgactc	300
ttgggctgtc	ttcctgtctc	agcgacgtcg	ttggatcaac	tctacagtgc	acaacttggc	360
cgagcttatt	ccccctgcca	gctttgtggt	ttctgttggt	tcagtatgag	attcgtcgtc	420
tttatcgatc	tcttgagtae	tattgtccac	ctgncattgn	tatgtacatt	tgggtacctg	480
atztatcagg	tcgcgtccaa	ccccgcggtt	gtgcccaccc	aagccttctt	ggtgcttgct	540
gctatctacg	gtctgcaagc	cattatcttc	atcttgccgc	gccaagtggg	aaaggtgggt	600
gatgncatgt	catgtgcatt	tcgggttttc	ttgttngct	ttacctttgg	gtatgggtgat	660
+						661

<210> 54

<211> 960

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(960)

<223> n = A,T,C or G

<400> 54

ctccccctcaa	tctcagagcc	ctccccctct	ccacatcacc	acaatggcct	ctcgcaatat	60
ctcaaaggcc	ctccgtggcc	ctgcccgcga	gcttgcttcc	gctccccgtg	ttcagcagcg	120
aactttcgtc	tctgtgtctc	gcgctgctgt	ccgtgctggg	gctgttgccc	gacctgttgc	180
tgtctctatc	cagcagcagg	ttcgtgggtg	caagaccatg	gactttgccg	gccacaagga	240
ngangtctat	gaacgtgcgc	actggcccca	agaaaaactcc	ttgagtactt	caagaacgan	300
actctggccc	tcattgggta	cggatctcan	ggtcacggcc	agggctctta	cctccgtgac	360
aacggcttaa	cgtcattggt	ggtgttcgaa	agaacggaaa	gtctggaaaag	acctgaacaa	420
gatggctggg	ttgcccggca	gaaactgttc	gatgtcaaca	aagccatctc	ccgtgggtacc	480
attgtcatga	aacttctctc	tgatgcgcgc	cagtctgaaa	cttgggcccc	ccatcaagcc	540
ccagctcgtt	gaaggcaaga	acctttactt	ctcccacggg	ttctcccccg	tcttcaagga	600
ccttaccagg	gncgaggtcc	ccaccaacat	cgacgtcacc	ctctgtgccc	ccaagggtcc	660
tggccgaacc	gtccgatccc	tcttccgtga	gggcccnggt	atcaactcct	ctttcgtctg	720
cttccaggac	gtcactggca	aggcccaaga	naaggctatc	gctctcggtg	tcgccatcgg	780
ctccgggttac	ctctaccaga	ccacctttga	gaaggagggtc	tactctgacc	tctacggnga	840
gggtggctgt	ctcatgggcg	gtatccacgg	tatgttccct	gctaatacga	agtcctccgt	900
gagcgtggcc	actccccag	ngaggccctc	aacanaaacc	ggtgaggagg	ctaccaat	960

<210> 55

<211> 1299

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1299)

<223> n = A,T,C or G

<400> 55

gtcgcgatca	ttggatccgg	tctgtctggt	ctggccgcgc	ccgatcagct	caaccgcgct	60
ggtcacctcg	tcactgtcta	cgaacgagct	gaccgcctgg	gtgggtctct	catgtacggt	120
attcccaaca	tgaagctcga	taagcgtatt	gtcaagcggc	gtaccgattt	catggcggac	180
gagggcatcg	tcttcaagac	tggtgttgca	gttggtgagg	atggccacc	atctctacag	240

gatctccgat	ctagccacaa	cgttggtggt	attgcaactg	gtgccactgt	cgctcgtgac	300
ctccctatca	agggccgcca	actcgagggc	attcactatg	ccatggagtt	cctgcacaag	360
aacaccaagt	ctcttctcga	ctccgagctt	ggtgataatg	cttatattag	tgccaaggac	420
aaacacgttg	ttgtcattgg	tggcggtgac	actggtaacg	attgtatcgg	aacctctctc	480
cgtcacgggtg	ccaagtcctg	caccaacttc	gagcttctgc	ctcagcctcc	tcctgagcgc	540
gccaacgata	acccttggcc	tcagtggcct	cgcatttacc	gcgttgacta	tggccacact	600
gaggttcgcc	agcacactgg	caaggaccct	cgtgagtact	gcacatgtc	tgaagagttc	660
atggacgatg	gatctggcaa	ggtcaagggg	atcaacacca	tcctgtgtcg	gtggaccaaa	720
gtcttccanc	ggtggttggg	acatgaagaa	ngtcgagggc	tctcagcaag	ttcttccctg	780
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caacctcgag	ggcgtcttcg	ctgctgggtga	cgcccgctgt	ggtcaatctc	tgattgtctg	960
ggggtatcaa	cgaaggctgc	caaggctgct	cgtgagattg	atctgtatct	tgaagaaatt	1020
acaccaacct	gcccgtcact	ggcggcatta	ccaagcgaac	tgcgcaggaa	atcttttagcc	1080
agatccaggt	tgaggcttag	attaaaaatc	tgccttagtt	attatattcg	ggatcggagc	1140
aaaaggaaac	ggcaataccg	ctgtgacaaa	acaaaacgat	ttgaaagggt	tcaaccctgt	1200
cctttggaag	cgtaagaaac	gaaactagtg	ggtcaattta	tggtatatat	accagaattt	1260
aggncaattta	ttttcatatn	ctaagatgag	ggaaaaaaa			1299

<210> 56
 <211> 1107
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1107)
 <223> n = A,T,C or G

<400> 56						
ttctcgatct	tgtgatectt	ctctcggttt	tgtctcttggc	tggacatact	ggttttaaata	60
catcatcgct	acgcctaacc	aacttaccgc	tgccgccttc	gtcattcaat	actgggtcga	120
tcgagataca	gtcaatccag	gtgtctttat	tgccatatct	ctcgtcgtca	tctgcgttat	180
caactacttt	ggtatcaaat	tttttggtga	actcgaattc	tggctttcct	ccttcaagggt	240
catcaccatc	atcgggtataa	tcctgttctc	tctcgtcctg	gctctcggcg	gtggccccga	300
ccatgaccga	aagggttttc	gatactggag	caaccctggt	gccttcaagc	cttatatcat	360
ggaaggcgac	gctggaaaat	tcctcggctt	ctggctcctgc	atgggtcaacg	ccacctttgc	420
ttacctcgga	accgaactcg	tcgggtgtcac	agtcgctgag	gctcagaacc	ctcgcaagac	480
catccccgcg	gccattaagc	ttacctttta	cagaattctc	ttcttctact	gtctctccgt	540
cctcctcgte	ggcatgateg	tcacctacaa	ctctccggag	cttgcccttg	ccaccactgc	600
caaggctggt	gctttctgct	caccttttgt	cgttgctggt	acactcgtcg	gtgtccgagt	660
cctccctgac	atcattaacg	cctgtatctg	cgtctttgtc	ttttctgctt	ctaactcaga	720
tcgtgacatt	ggcagccgta	ccctctacgg	ttttgcctcc	gacgggttcag	ctcccgcctat	780
tttcaagaag	accaacaagg	acgggtgttc	catctacgcc	cttggcatgt	ctgcttcttt	840
ctgtctgctc	gccttcatga	acgtctcggg	cnactccaca	aaggctcttg	gctactttgt	900
taacctgacc	actatcttcg	gtcttatgtc	atgggatctc	catcctcacc	actcacatat	960
tctggtgccg	cgccaanaaa	gcacaagggc	ctgggcaacg	naacccttcc	ctacgtcgcc	1020
ccctttggca	tgtgggggatc	tggttggtgcc	cttgccatgt	gcactctcat	cgctctgaac	1080
aaaaatacga	aatttttgtt	cgcgcaca				1107

<210> 57
 <211> 888
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(888)
 <223> n = A,T,C or G


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<400> 57
ctcctcatca cgcgcgacaa accagccaac cgacacaatg gcccgcggaa tcaagaagca      60
ccagaagcgc ctcagcgccc cctcgcaactg gctgcttgac aagctgtccg gcacctacgc      120
tctaagcct tctgcccgtc ctcacaagct ccgcgactgc atgcccctga tctgtttcat      180
ccgtaaccga ctcaagtatg ctctcaacta ccgtgagacc aaggccatcc tgatgcagcg      240
actgggtcaag gtcgacggca aggtccgcac cgattccacc taccctccg gcttcatgga      300
cgtcatcacc atcgagaaga ctggcgagaa cttccgtctt gtctacgaca ccaagggtcg      360
attcacgcgc caccgaatcc agaacgagga ggccgagtag aagctgggca aggtcaagcg      420
tgtccagctt ggtcgcggtg gaatcccatt cttgggtcac cacgatgcac gaaccatccg      480
atacccccgc cctctgatca aggtcaacga cactgtcaag attgacctg ccactggcaa      540
gatcacccgc ttcattcaagt tcgacaccgg cgcggttgtc atgggtcactg gtggtcgtaa      600
catgggtcgt gttgggtgtc taccaccacg tgagcgtcac gatgggtggt tcaacatctc      660
cacgtcaagg atgccattga caacagcttc gccaccctg anaacaacgt tttctcatt      720
ggccaggaca agccctggat ctttttgccc aagggaagg gtgtcaagct caccatcgcc      780
gaggagcgtg accgcgacg cgcttacgcc atcttttant aaattgtgaa tttgcgatag      840
gaatgatana aaatggcagc tgggtctggag tctcggattt gacgtttg      900

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<210> 58
<211> 637
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

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```

<400> 58
gagattgatg ccttaactct cctgacctct gttgttgctc gttgtgcccc tcaaaccaag      60
gtccgtatga ttgaagcgtt ccacgcgtgc aaggctttcg tcgccatgac tggcgatggt      120
gtcaatgact cgcctagttt gaagcgttcg gacgtaggga ttgctatggg tctggctgga      180
tctgatgttg ccaaggaagg ttccgacatt gtctaaactg acgacaactt tgccctctac      240
ctcaacgcgc tcgaggaagg ccgacgaatg tttgataaca tccagaagtt cattctccac      300
gttttggtcg aaaaacattgc ccaagcctgt actcttctta ttggccttgc tttcaaggac      360
cgtaacaacc tgccctggtt ccccttgcca cctgttgaga tctctggat catcatgatt      420
accttcggta tgccctgatat gggactcggc tttgaaattg ctgcgccaga cattatgcag      480
cggctcttct taaaacttaa aacaagggtg ctttacttcc gagttgatga attgatatgg      540
ttgtctatgg tctttggatg tctggcctct gtcttagctc tttcgnctct tgctctctac      600
ggcttcggtn atggcctgac gacattggan acaatgc      637

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<210> 59
<211> 1127
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(1127)
<223> n = A,T,C or G

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<400> 59
accatcgca tcattacatt aaaaatgctg tccacactcc gagttgcag cgcacgggct      60
gcccgccttg ctcagtagaa cctggccgac atccgcgtcg cctccaactg ggccaacgct      120
cctcaagggt cctctgatgc cattcttggt atcactgaag ccttcaaggc cgacaagttc      180
gacaagaaga tcaacctggg tgtcgggtgc taccgtgacg atgcgggcaa gccttaccta      240
ctcccttcgg ttggtgaggt cgagaagaag gtctgtgagt ctaagttgaa caaggagtag      300
gttgggtatc ctggtgttcc tgagttccct cccgcgcgcg ctaagctggc ctacggcgcc      360
aacagccccg ccttggaacc catcaccatc accagacca tctctggtag tgggtgctct      420
cgtgtcgggt ctgctttcct cgccaagttc ttccttgggc agaagaagat ctacattcct      480
cagccttcgt gggctaacca caaggccgct tccaaccacg ccggcctcga ggttgaacaa      540

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gtaccgctac	tatgacaaga	agactatcgg	ccttgacttt	gaggggtctga	ttgctgatgt	600
caaggctgcc	ccaacggcag	tgtcttcctt	ttccatgctt	gtgctcacia	ccccaccggt	660
gttgatccta	cccaggagca	gtggaagcaa	atctccgacg	tcgtcaagga	gaagggtcac	720
ttcgcttctt	tcgatatggc	ttaccagggc	tttgccagcg	gtgacactga	caaggatgct	780
ttcgctgttc	gctacttcgt	tgagcanggc	cacaacattg	ctctttgcca	gtctttcgcc	840
aagaacatgg	gtctctatng	tgagcgnatt	gggtgccttct	tcattggncgt	tgccgatgcc	900
gacnagaana	aacgcgtcga	ctctcagctc	aagattctca	ttcgacctct	gtactccaac	960
cctcccatcc	acgggtgccc	catcgnccgc	gagattctga	acagcctacc	ctctacaagc	1020
agtggctcgg	cgaggncaa	gagatggctg	nccnatcatc	tcattgcgtgc	tctctnaagg	1080
ataccctgag	aacttcggtt	caacaccaat	gggcttacan	taccagc		1127

<210> 60

<211> 1319

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1319)

<223> n = A,T,C or G

<400> 60

gaacaacaca	aatacacatc	tcacatcctag	atctttgttg	attctccttc	tttgagaatc	60
tcgagtctag	tcgataccag	ctttatcttc	cactaaacga	ttaccaggcg	cagtcttcag	120
tcgaagttct	gcccctcttt	ttcgcttctt	tcaccccgcg	attcttcaca	tctaggtcga	180
gccgagcttg	atctagactt	tcaaaagcct	caaccgcaat	catggctgac	aagggtcttg	240
aggatgtccc	tgagacacag	atcgagggta	actacgatga	gaccgtcgac	tccttcgatg	300
acatgaacct	caagtctgag	ctcctccgag	gtgtctacgc	ctacgggttc	gagcgtccct	360
ctgctattca	gcagcgtgct	atcatgcccc	tcacaaaggg	cagcgatgtc	attgcccagg	420
cccagtcggg	tactggaaa	accgccacct	tcttcattct	tgctctncag	aagatcgacg	480
ccaacgtcaa	ggnttgccag	gcccctgatc	ttgccccac	ccgtgagctt	gctcagcaga	540
tcacagaagn	cggtatcgct	attggcgact	tcattgaacat	tgagtgncc	gcctgcattg	600
gtggnaacca	gtgttcgtga	tgacatgaag	gcccctccagg	acgggtcccca	ggctcgttgtc	660
ggtacccccg	gtcgtgtcca	ggacatgatc	cagcgccgta	tcctcaagac	cgacgccatg	720
aagatgttcg	ttctttgacg	aggccgatga	gatgctttct	cgtgggtttca	ctgagcagat	780
ctacgacatc	ttncagcttc	tncccttagtc	cacccagggt	ggtcctctnt	tcgcgcccat	840
gccccaggat	gtccttgagg	tcaccaccaa	nttcattgct	gaccccgctc	cnnattctgg	900
tcacagaaga	cnantttacc	ctggcgggta	tcacattgct	ctacattgct	gttgatanag	960
gaggacgtgg	tatctcgaca	ctcctttccg	acttgtaaga	ggagcgtcac	catcacccag	1020
tctgtcatct	tctgcaagac	tcgcatgaaa	ggtcgactgg	ctcacccgaca	gggtcactg	1080
cgctcgtgact	tcactgtctc	cgccatgcac	ggtgacatgg	accattcgtc	acgcgtgatc	1140
tgatcatgag	ctgaggttcc	gatccggatc	ttctcncgtc	ctgattgcca	ctgaacttct	1200
ggccgtggta	tcnatgttca	acagggttcc	tggctcact	acaatctccc	gcccaccgtg	1260
anaatactcc	ccnccctcgt	cctggaagan	tttcggccaa	aagggtccccc	tcacttctt	1319

<210> 61

<211> 755

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 61

gatttcaact	ggggtaaac	tcgtgttatt	gctgggtgagt	ctggcaagaa	gatcgttgtt	60
tcgacgaag	gcaagttcga	ccccaaactc	atccctcgca	agaagtggga	ggagtaccaa	120
gcgagcttt	gggagaccca	aacacagact	gctcgcgacg	atgttcgatc	cgagatttcc	180
ggttacagtt	atgcgaccaa	ggctcaagga	cccttctccg	attacaatgg	tggttaccag	240

cccagccgcc	ctgggtcaac	tgcgggttc	ggtcaccaca	acatgtctcg	catgtctctg	300
gcccactccg	agatgcctgg	taaccgcacg	agccagttcg	gtggctcaca	attcttctcc	360
cctgaagaga	tggttggcat	gcccagtgat	gacgtctctc	tcgccgagat	ccgcgacatt	420
ctcaagacag	ccgacttgat	gaccgtcacc	aagaagggca	tcaagcaaga	agttggagag	480
acgcttcaac	gttcctctag	acgccaaaag	ggcctatata	aactctgcga	ctgaagcctt	540
gctttctggc	caactataga	ctgnattaag	aacccaatga	aacgggcttt	tattaatgcc	600
tatcttaaag	gcctggcgat	aatctttggg	tatttgaact	tggnaatctt	tcattttatt	660
ttatatatgg	ggaacatggg	aatgggaata	ctaaaactta	acaattttgg	ttaacnngac	720
aacccaatth	tggccgggcn	tatncataaa	actgg			755

<210> 62

<211> 1272

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1272)

<223> n = A,T,C or G

<400> 62

tcacattact	tatcgcatth	tgtctcggtc	ttcatcgatg	ccagaaccaa	gagatccgth	60
ttttttttga	acgatcaaga	aaataatatt	gccaagttag	ctatcagaac	acagcatgaa	120
actcctttca	tctagcatat	acacagggtt	aaagtcctaa	taatctcatt	cgcagttttc	180
atctgcgata	acccttcaga	tcgtttcccc	ctcgtctcga	aacattcgth	ttacaacaaa	240
cttatgtttt	attcgthttaa	gttgccgaaa	gccatctgct	tcttgatctc	ggcgatcgcc	300
ttgccggggt	taaaaccctt	ggggcaagct	cgggtacaag	ttaaggatag	tgtgncaacg	360
gtacaagctc	attgagttct	cgagnttctg	ctttcgctcg	gcggtacgct	ggtcacgaga	420
atcgccgagc	catcggttaag	actggagcag	gatagcggga	ccaaggtact	cctcagagth	480
ccaccnagth	aagatgggca	tgaagtagag	cagcaggcgc	agagaatgca	cttcgtaaaag	540
accgtcgagc	ttgcgtcggt	cctccttggt	ctgtcggtac	tcccgctcgt	cttcggcagg	600
gggtgctcgcc	tgaaggtagg	gcttgatgct	cttgtagtgc	ttgtagaagt	gcgtcagatc	660
agggacaagt	ccttgacgac	gtaggtagat	ggaaaagggt	agatcttgac	gtcgnaagca	720
gcctcggttag	ggatacggca	caagcagcca	aggggtgtct	ggcgttgat	gttcagggca	780
cagctaccac	agataccctc	acggcaactt	cgtcgggaag	tcagagtagg	gtcgagctcg	840
ttcttgatth	ggataagggc	atcgagaatc	atgggtccag	tcttgthtaag	atccagagtg	900
taggtctgga	gacggggctt	ctcgtctggg	gtatcggggt	tccatcggtg	gatctggaag	960
gacttcatct	ttgactcggt	ctccttggtg	ggctcgctga	cggaggccat	agaacgagtg	1020
aagaccatgc	cgggtcggtg	ggcagccgac	cttgagaagg	cgccaacaag	gcgagaggaa	1080
gatcgaagag	cagccatggt	ggatcgaatc	gaattacaat	tgcgattggg	accggaggag	1140
aaggacagtc	aaacttcgct	atatatagtt	ggagctgtag	tcaggcgatt	gacaggaaga	1200
aatgccgtac	aatccccctc	gttagagctg	aattgtcgat	attctcaaaag	ggtggcggcc	1260
agaggattct	cg					1272

<210> 63

<211> 570

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(570)

<223> n = A,T,C or G

<400> 63

atgaagccct	ggcggttaac	actttccaag	aagtctcatt	tactcttaag	gcattgtcttt	60
cggcatggac	aattatatct	ccaggctcggc	cacatacgan	gaactcgccg	agtttccactc	120
ctcggaactat	ctggacttcc	tcggcacagt	actgcctgag	ccagtacctc	gagatctcga	180
aaaccaagga	gtcgacctga	agttcaacct	gggtgggtct	gactgtcccc	tctttgatgg	240
cctattccaat	tattgtttct	tgtccgctgg	cgggtccctt	gatgcagcca	gaaagatttg	300

ctcaaagcag	tctgatattg	ccatctcttg	gggcgggtggc	cttcatcacg	ccaagaagtc	360
tgaagcgtcc	gggttctgct	acatcaatga	cattgtgatc	gccattctcc	aactccttcg	420
ccattatccc	cgagtcttgt	acattgacat	tgatgttcat	caengcgacg	gaatanaaaa	480
accttcttct	ctactgatag	antcatgact	gtctcttttc	ataaatacaa	ccaaacactc	540
ttcttggtta	ctggtgctct	tgataaaaacg				570

<210> 64
 <211> 577
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1) ... (577)
 <223> n = A, T, C or G

<400> 64						
cgtggcggaag	cccgactctt	ccctcaagac	cgctcaggaa	atcaaggagg	agtactgcta	60
cgtctgtccc	gatatcgtea	aggaattcgg	caagtaacgac	caagatcgca	ctcgatttgc	120
caagcatgto	gtgtcgcacc	ccaatggccg	ccaggtcagc	gttgatntcg	gttacgagcg	180
ttttctcgcc	cccgaaatct	tcttcaaccc	cgagatttac	agctccgatt	tcttgacccc	240
tctccctgtg	gtcgtcgatg	gtgttattca	gcagtcgcct	attgatgtac	gacgaggcct	300
ttacaagaac	attgttctct	ctggagggaag	cacactatac	aaggatttcg	gtcgccgatt	360
acagcgagac	attaagcagc	tggtggatgc	cagaattcga	gccagtgaag	tccgtanccg	420
tggtgctcga	antggtggct	tggaacgtgtc	tgttatctct	cataagcgac	agcgacacgg	480
tccttggttc	ggaagcagtc	ttctcggtca	aactcccga	ttccgatcgt	actgccatac	540
caagggcgaa	taccaagaat	atggtcccan	cattgtg			577

<210> 65
 <211> 1314
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1) ... (1314)
 <223> n = A, T, C or G

<400> 65						
agctccgtcg	caaaataaaa	agtgaatct	tttctctctt	cctnaaacct	ttttctcttc	60
cttttctctc	gtcgccgctc	ttgctctcga	agccgtccga	ggttggttag	ctgccaacct	120
aaatacttca	acacgaagtc	cttcagatca	tctctctctt	tcgcttcttc	ctttctctct	180
gcaccccgcg	cagccagctc	tgcagctctt	qgaaacgttc	cattcacgcg	ttccggtcta	240
gttttctttg	ttcaacatcg	taactacgcc	aagtcaagaa	agatgcctcc	caagaagcaa	300
gtcgttgagg	agaagatccc	cctgggcagg	cctggaaaca	acttgaaaag	tggtattgtc	360
ggtctagcaa	acgtcggcaa	atctaccctc	tttcaggcca	ttaccaagtc	taacctcggt	420
aacccagcta	acttccccta	tgccactatc	gacctgagg	aagctcgtgt	cgtcgttccc	480
gatgaccggn	tcgactggct	cgtcgagaag	tacaagccca	agtcagntgn	tcccgccaac	540
ttgaccgcta	tgatategnc	ggtctgactc	gcggnctcatn	cactgggtgt	ggtcttggn	600
actctttnct	gtnccacatt	cgcgttggty	atgccatctt	tcaagttggt	cgntgcttcg	660
acgatgccga	gatacattac	attgagggtg	gcgtgaaccc	caccctgat	tttgacatca	720
tcagcgagga	gctccgactc	aaggatatcg	agtttactga	aaaggctctc	gagaaccaga	780
agaagaagac	ccgtatgggt	ggtcagagtc	tggaagcaga	gaaggctgtg	caagatcaag	840
ccacgcttga	gaaggttcta	gcctggctca	acgatggcaa	ggatgtccgc	aagggcacct	900
gggggccccaa	ggagattgag	gtcatttaacc	ctctcttctt	tttgactgcc	aagcccggtg	960
tctaccttgt	caacttgtct	gaaaaggact	tcattccgcaa	gaagaacaaag	catcttccca	1020
agattgtcga	gtggatcaac	gagaatgcca	agggcgaccc	tctcattctt	gtctccggtt	1080
cttaacagagtc	tcgtctcact	ttgtgcgaga	ccgangctga	agctaaggaa	gagcagaaaa	1140
atgcgggtgc	cgactctggt	ctgcccaagg	tcattcttca	natgcgaaaa	acctgcagct	1200
tggaagcttc	ttcacagttt	ggacctgatg	aagtcgcaca	gtggaccata	cgccatggcc	1260

ccaaggccct caggcgccgg tgtcttcnch acaatttcaa aaaaacttca tcca

1314

<210> 66
<211> 1877
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(1877)
<223> n = A,T,C or G

<400> 66
ccatgcccgg tgacacagag ttcaacacgg gcttcagctt ctgggggtgga aacctgaccc 60
tcgctgttgt caacgggtacc gttcccgttt ggagaatcga cgacatggct actcgaatta 120
tqcccqcttt cttcaaaatt aatcgaatct ttgaggagga acccgggcac aaatttttctt 180
cttggaactcg tgacagagtag ggcttttgccc agacctacgc ccaagagaaac cgagaaaagg 240
tcaacttttg tglttgatgtt cagcacgacc acaagcgcca tattcgtgag tctgccgcaa 300
aggggaaccgt catcctcaag aactctgggt cgttccctct caagaagccc aaattccttg 360
ctgtcatttg tgangacgct ggcccccaatc ctgccgggtcc caacgggttg ggcgatcgtg 420
gatgcaacaa cggcactctt gccatgtcat ggggttcttg aacctctcaa tccccctacc 480
tcgtcaccct cgatcaagggt atttogetcc aggcatttca ggacggcagt cgatacgaga 540
gcatactcaa caacaaccag tggccccaga cacaggctct catcagccag cccaacgtca 600
ccgtatctgt ctttgccaat gccaatgctg gcgagggtta catcgaagtt gatggcaact 660
acgggtgacc caagaacctc actctgtgga accaagggtg tgagctcatc aagaacgtct 720
ccgccatctg ccctaaccac attgtctgtc tccacaccgt cggccccgtt ctgctgaccg 780
aatggcacia caacccccaac atcaccgcta ttgtttgggc cgggtgttctt ggacaagaga 840
ctggtaacgc catcgctgac atcctctacg gcaagactag ccttggaagt tccgtcttta 900
ccggggggcc cactgccaag agctacggca ctgaggttct ctacaaggcc aacaacggcg 960
aggggtgctc ccaagaggag ttactgagg gtaacttcat cgactaccgt cactttgaca 1020
aacaatcccc tagcaccaac ggaaagcgag ctaccaacga ctctgctgcc cctctctacg 1080
agtttggctt cgggtctgtc tggaccaact ttaagtactc tgacctcaag gtcgagctctg 1140
tcagcaacgc ctcttacagc gcccctgtcg gaaacaccat tcttgcccc agctacggca 1200
acttttagcaa gaacttgagc gattacaagt tccctgctgg cgtccgatac atttacaagt 1260
tcatactacc ctctctcaac acctcttctt ccgcccaga ggcttccaac gacattgagg 1320
gtaacttttg tgacaccgcc gacgagttcc tccctcccaa cgctctcaac ggctcatctc 1380
agccccgtct cgtttcttgt ggtgctcctg gcggcaaccc tcaacttttg gatgtccttt 1440
acactgtcac cgcgaccatc accaaccact gcgatgccac ttctgacgaa gttccccagc 1500
tgtacgtcag ccttggttgt gagaaacnaac ccatacgtgt cctccgttgt ttcgagcgtc 1560
tcganaacat cgtccttgtt gagagtgtcc cattcacgcg tcagcttact cgtcgtgac 1620
tgagcaactg ggacgtcaat gcccanaact ggggtgatcac cgatcacgcc aagaanatct 1680
gggttggttag cactctctgc aatctgtctt cagcgtgtaa ctgtagtggg aaatggattg 1740
atgggatatg tttcttgaag ctgaaagggt gtctacggat atgtaaacgg tagaataact 1800
ttgtgccagt cagctcaatg gccagcataa ttattttgac aaagcgtgaa aataaatttt 1860
tcgttcatac atatgat 1877

<210> 67
<211> 864
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(864)
<223> n = A,T,C or G

<400> 67
gacatgggtt ctcgagaaga ccgacaacaa gggcganatt gccaaagcact ttgttgcctt 60
ctccaccaac gaggaggagg tgaccaagtt tggcattgac agcaagaaca tgtttggctt 120
cganagctgg gtcggcggtc gctactctgt ctggagtgcc attggtctga gcattgcctt 180

ctacgttggc	tttgacaact	tccacaagtt	cctcagcggg	gtcacgcca	tggaacaagca	240
cttccgcgag	actccctca	gggacaacat	ccctattctt	ggtggcctcc	tgagcgtttg	300
gtactctgac	tttttccagg	cccagactca	ccttggttgc	cctttcgacc	agtacctcca	360
ccgattcccc	gcctacctcc	aacagctctc	tatggagtct	aacggcaaga	ctatcacctc	420
tgatggatct	tccgccaagt	acaccactgg	tcctatcctt	ttcggagagc	cttgacacaa	480
cgctcagcac	tccttcttcc	agcttggtca	ccagggcacc	aagctgatcc	ctaccgactt	540
catcctcgct	gccaagtccc	acaaccccg	cagtgcacaac	cttcaccaga	agatgcttgc	600
ctccaactac	tttgcccaag	ctgaggctct	catgggttga	aagactgatg	agcangttcg	660
cgccgagggg	gccccgagg	agcttgctcc	tcacaaagcg	aatcttgggt	aaccgaccta	720
caacctctat	tctcgttggg	ggtgccattg	gccccgcga	attgggtgct	ctggatcgtc	780
tactacaagc	acctcaacct	taactgaggg	tgtatttttg	ggacataaac	agcttcgaac	840
agtggggggg	tcgagctggg	caaa				864

<210> 68

<211> 1023

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1023)

<223> n = A,T,C or G

<400> 68

ccgcaactgct	atgagtgctc	tcctccacgg	tgacgctgcc	tttgcctgct	aggggtatcgt	60
ctacgagtgct	ctcggtctcc	actctctccc	tgccttctcc	actggaggta	ccatccacct	120
ggttggtcaac	aaccagattg	gtttccacaac	cgacctcgt	ttcgcccgat	ccaccgccta	180
ctgtaccgat	atcgccaagg	ccatcgacgc	ccccgtcttc	cacgttaacg	ccgatgatgt	240
cgaggccgct	aacttcgtct	gccagctcgc	tgctgactgg	cgtgccgagt	tccagcacga	300
tgttgctcatt	gatctcaact	gttaccgaaa	gtacggtcac	aatgagaccg	atcagccttc	360
tttcacccag	ctctctcatgt	acaagcgcct	caacgccaaag	gagcctcaaa	ttgacatcta	420
cgtcgataag	cttatcgagg	aagggtcttt	ctccaagggg	gatgtcgagg	agcacaagca	480
gtgggtctgg	ggtatgctcg	aggagagctt	caccaagtcc	aaggactaca	caccacctc	540
caaggagtg	accacctctg	cctggaacgg	cttcaagtcc	ccaaggagc	tggctaccga	600
ggttcttggc	accagcgaga	ctaacgtcaa	gcccactact	ctcgagcata	tggtaaatgc	660
tattggaagt	gttcccgang	gcttccaagt	tcaccgcaac	ctgaagcgta	tcctaagcaa	720
ccgaaccaag	tctgttggtg	aaggtaagaa	catcgacttc	ccaccgcga	agctctgggt	780
ttcggtactc	tcgttactga	aggttaccac	gtccgtgtct	ccggtcanga	tgttgancgt	840
ggtactttct	ctcagcgcca	cgtctgtctc	cacgaacagg	anactganga	tactcacact	900
cctctccaga	accttagcca	agaacaaggc	aagtttgtga	tctccaactc	ttctctganc	960
gantttgggt	ccttggtttc	naatacgggt	actctctgtc	atctcctcat	gctcttgtca	1020
tgt						1023

<210> 69

<211> 1032

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1032)

<223> n = A,T,C or G

<400> 69

cgaaagaaca	ccttccacga	gaagltcgag	gaggcgggta	tctcttcttt	catctccact	60
tccgctactc	ccttcattgg	tgaggtcggt	cctgagacct	acgctggcta	catgtccgct	120
ggtattcccc	ttgcctacat	cttctctgag	accgaggagg	agcgcaagga	gctcggcgag	180
gacctcaagc	ccatcgctga	gaagtacaag	ggcaagatca	acttcgccac	tattgacgac	240
aaggctttcg	gtgcccacgc	cggtaacctg	aacctcaaga	ctgacaagtt	cccctcttcc	300
gcatccagg	aggttggtcaa	gaaccagaag	ttccctctcg	accaggagaa	ggagatcacc	360

cacgacagca	tgcceaagtt	cgttgaggag	ttcgacgctg	gcaagattga	gcccagcatc	420
aagtctgagc	ccatccccga	gacccaggag	ggccccgtca	cagttgttgt	cgccaagagc	480
tacaacgaca	ttgtccttga	cgacaccaag	gatgtcctta	ttgagtttta	cgctccttgg	540
tgcggtcact	gcaaggtctc	tgctcccaag	taegacgacc	ttgcttctca	gtacgccgct	600
tctgagttca	aggacaaggt	tgctcatcgcc	aaggttgacg	ccacctgaa	cgacgtcccc	660
gatgagatcc	anggtttcct	taccatcaag	ctctaccccg	ntgggtgcaa	ggacgtcctc	720
gttacttacc	agggtctctg	taccatcgag	gacctcgcca	acttngtcaa	ggagaacggc	780
aagtacaacg	ccgagctctc	catcaaggag	gagggtaccg	aggaggtgc	ccccgccgcc	840
agtgaggaga	agaaggacga	gaaggccgac	gaggatgtcc	atgatgagct	gtaaagaatt	900
catgtcgcat	tgttagtata	caaaatgggg	tataactgat	ttcatgggcg	cgggttttta	960
tggtgctaag	attttatcgc	acctcttagg	tatttagttc	tcgtggcaat	gggactgttt	1020
catgacttga	ct					1032

<210> 70
 <211> 563
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(563)
 <223> n = A,T,C or G

<400> 70						
gggtaccaag	ctcttctgta	tctctggcca	cgtaacaac	ccctgcaccg	ttgaagagga	60
gatgtcaatt	cccatgcgtg	agctgatcga	taagcaactgt	ggtggtgttc	gaggtgggtg	120
ggataacctt	ttggtgtgca	tccccgggtg	ttcttccact	cccgttcttc	ccaagagcgt	180
ctgtgatgac	cagctgatgg	actttgatgc	cctcaaggat	agccagctctg	gtctcggtag	240
cgcgctgtt	atcgctcatg	ataagagcac	cgatattgtc	cgagctatta	gccgtctcag	300
ccacttctac	cgtaacgaga	gttgtggcca	gtgcacacct	tgccgagagg	gtagcaagtg	360
gacagagcag	ataatgaagc	gattcgagaa	gggtcangct	cgtgagcgtg	agattgacat	420
gcttcangag	cttaccagc	agggtgaggg	tcacactatt	tgcgctcttg	ggtgangntt	480
ttcgnctggc	ctattcangg	nettatccga	cattttcgac	ctgagcttga	ggctcgtatg	540
ccaaaagtcg	ttaaggaaaa	cgc				563

<210> 71
 <211> 595
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 71						
tcagggtatac	cagggtttacc	ataacgggttt	gaentatccc	aaaagcagca	tcgagctgac	60
ctaacggaat	cggcgggcgt	gtctacctga	acagtaaggg	cgcggttttt	acagctaaaa	120
tcgtgcttcc	tgaaactgtc	aaaaacaaag	actcggtctc	tactccctat	atattattctg	180
gcttttagggc	aacaagcgga	actgaagccg	atctcgggtt	tcagtaacagc	aaacaataaca	240
aggtctggaa	gccccctcatg	aaggttgggt	ccaaaaatga	agaaacgtac	atcgaaggaa	300
aagacaaaatt	cacatacaat	aaaggcttcc	gccctggaag	cacagtccaa	atgacaatct	360
ataaaaaattt	aagcggcaat	acgcgcgatga	ccctttgggg	aacgaacaat	gacggctaca	420
cgggacggat	tatcacagaa	attcaaggaa	ccaacatcgg	cacgatttca	aaatggaaaa	480
caatttgctac	cgcggntgtt	tcgtntgaaa	gccaagctga	tgcgatcaa	aaqcaacctt	540
ttctgacctt	tttttaacaa	cattncttnt	cgcacaataa	agcccgccct	tcttg	595

<210> 72
 <211> 905
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(905)

<223> n = A,T,C or G

<400> 72

ctcctatttca	cgatgggtag	agttatttgc	aaccagegta	agggtcgtgg	atccatcttc	60
acggccaaca	cgcgctgaa	caaggctccc	gccaagttca	gaaacctcga	ctatgccgag	120
cgccacggat	accttcgagg	tgtagtcgc	gagattgtcc	acgatgctgg	tcgcggtgct	180
cctctcgcca	aggctgtctt	ccgccacccc	taccgattca	agcagactac	cgagaccttc	240
atcgccaacg	aaggcatgta	caccggccag	ttcatctacg	ccggaaagaa	ggctgctctg	300
accgtcggca	acgtcctccc	cctcggtgag	atgcctgagg	gtaccgtcgt	ctccaacgtc	360
gaaganaagg	tcgggtgaccg	tggttctctc	ggccgaacct	ccggcaacta	catcaccatt	420
gtcggccaca	acccrgatga	gggcaagacc	gcataaagct	cccatctggc	gccaaagaagg	480
tgttccactc	cggancccca	agaatgatcg	gtatcgtcgc	tggtgggtgg	cgaactgaca	540
agccccctct	caaggcttct	cgtgccaaagc	acaagttcgc	tgtcaagcgt	aacagctggc	600
ccaagactcg	tggtgttgcc	atgaaccccg	tcgaccatcc	tcacggtggt	ggtaaccacc	660
aacatattgg	taaggnttct	accatctccg	atacgccgcc	caagggtcaaa	aggccggtct	720
tattgcccgc	gcagaacggg	tcttctnccg	tggtacccaa	aagacaaaagg	agtaaagtgtg	780
tggtctgggt	tcattggtctc	attgggatgg	tgtttactgg	gctgcttgca	tctattgaag	840
gtactgccaa	aancagatgg	ctggtagctn	aanaaggcaa	gcactatggc	attttggcgc	900
aaaaa						905

<210> 73

<211> 1043

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1043)

<223> n = A,T,C or G

<400> 73

gcgaaacgac	atccgtgtct	ttttctgcaa	gtacaacgac	cccatthtatg	tcaaggttac	60
aaagctggaa	ctcatattta	tgtttgctac	tgaggataat	attgatgagg	tggtgacgga	120
actgcgagag	tatgctactg	aaatcgatgt	ccactttgtg	cgcaaggcgg	tgcgcgccat	180
cggtaagctg	gcgatcaaga	ttgaaccagc	ggcacgacga	tgtatcaact	tacttctcga	240
gcttgtggct	accaagatta	catatattgt	gcaggaagcc	acagtgggta	tccgaaacat	300
cttccgaaaa	taccccaacc	aatacgaatc	catcatcagc	actttgtgcg	agcacctcga	360
ttctctggat	gagcctgaag	ccaaggcagc	tatgggtttg	gtaattgggc	agtacgcaga	420
ccgaatagag	aacagcgatg	ctttgttgga	agaacttcta	tactcatttg	cggaggagcc	480
tggttgaggtc	cagcttgctt	tgtcactgg	tacagtgaag	ctcttcattc	agcgacctac	540
caagggacag	gagttgggct	cgaagggtct	tgaagtnggg	caacagagga	gactgccaac	600
cctgatcttc	gagatagagc	gtatatgtac	tggcgtctct	tgtcaacaga	catgaatgca	660
gccaggcaaa	ttgtcatggg	agagaagcca	gccattacgg	ctgagtcgga	gagactagac	720
tcagcgacac	tggaggagat	gtgcctgaat	gtaggaacac	tagccaoggt	ctatttgaag	780
cgggtgcaga	ccgttttcag	atctgctcga	ccacgcacac	ttcaagactc	tccqgcqttg	840
cagaagcaaa	acctccttgt	tgcgggagac	agccagaaga	ntatcacatg	tttggtaatg	900
ctggagcagc	gaaggatata	gaacccaagga	ccgaaacccc	atgtcgggtg	atgtcagggg	960
aacctcgenc	aggccgtcag	cgacgcgcg	cctacttctc	gggggatcgg	ggacccacca	1020
gatgaogcca	atgcntgggtg	atc				1043

<210> 74

<211> 1084

<212> DNA

<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1084)
 <223> n = A,T,C or G

<400> 74
 aacacccaag tcgtcgttga gccaataccg tcaagatggg aagttgaggc ctatcgaagg 60
 ggggttttct tgcaaaggag cttccttgat gttttccatt ctacggcaga aatgccaat 120
 gctcttgga gagtcaacgc aagatgcttc ggaagaagag caacatccca agtcgtcgtt 180
 gagccaatac cgtcaagatg cttttccaca agttgggtcaa gaacagcgcg tactacagtc 240
 gctaccagac taagtacaag cgccgccagc agggcaagac cgattactac gcccgaaagc 300
 gccttatcac ccaggccaag aacaagtaca acgcccccaa gtaccgcctg gtcgtccgct 360
 tcaccaacaa ggacatcatc tgccagatcg tcacctctga gatcactggc gacaaggctc 420
 tcgtctctgc ctacgctcac gagtcaagg cttacgggat cgagcacggc ctcaccaact 480
 gggccgctgc ttacgctacc ggtctctctg tcgcccgcgc tgccctcaag aagctcgccc 540
 tccatqaaaa ctttactcgt gttgaggagg ctgatgggtg gtacaagctc actgaggccc 600
 ccgagaccga cgatgggtgag cgcgcgcctt tcaaggctct ccttgatgic ggtctgaagg 660
 gaacctccac cgggtgcccg gtcttcgggtg ccatgaaggg tgccctctgac ggtgggtatcc 720
 tcgtcccccac tccgaaaanc gtttccctgg ctacnatatg gagaaccaag gactcgacgc 780
 cgacacctcc gaaatacatc ttccgtgggc acntcgtctg ntacatggan acctcccgat 840
 gacaataaga nctttcccat cagttccaaa attttcagac aacnacgttg aggtgaggg 900
 tcttgaggac ctttacaccg aggcccatgc cgccatccgn gaggaccctt acaagaaggc 960
 cgagacgcag gctcccaana aaaccaagga ggagtgggan gagatctcca agaatacagg 1020
 aacaagaagc tcaccanagg angaaaagga naagcgtgtc caagaacca ttcaagaaaa 1080
 tatg 1084

<210> 75
 <211> 2242
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(2242)
 <223> n = A,T,C or G

<400> 75
 agcgacaatc aaagctcant cgggtagctn catctngtna cttttgccgg tcagcctttt 60
 attagtcgtt tttgctctcg ccacatcac atccttcccc cgccattgct atatcctccg 120
 agcataactg ttcacatcatg cctacgatca gtacaaccag aacctttacc agcagggccc 180
 agctcaggaa agctctcatg gttacagcca gaccaatcca tatgcgcaag atgcgccagc 240
 ccattggcaac aaccaatatg agatgcaaga ttactcgcaa caagctcctg ctgccagctc 300
 aagtctttcg caacaggaat tccataaccg cgtccagaag cttcgcgatg agattaaggg 360
 tctgaccact gacattgatc acattgggtg gcttcattcg cgaactctcg gcagcactga 420
 tgggtccgca aaccacgagc tcgagcagta tgtctctcag actcagattc gcaacactgc 480
 catcaaggat ggaatcaagg gactagagcg cgatcttgca aagaccaatg acagctctcg 540
 caaccacaaag aacacccagt tgcaatctct caagaccttc ttcaaatctg agctcgacaa 600
 gtaccagagc gtcgagcgcg attatcagca acgataccgt gatcagattg ctgctcagta 660
 ccgtattgtc aaccccgatg catccgaaga agaagttcaa gaagccgcca atgccgattg 720
 gggtaacgag ggtgtctctc aaactgctct gcgaacgaat cgcaccggac atgcccagctc 780
 cgtgcttggt aacgttcgag ccggtcagag cgagctccag cgtatcgagc agactctctc 840
 cgagcttgct atctctatc aggagcttgc cactattggt gagcagcagg agcccgttgt 900
 tcaggccgccc gaacaaaaag cgatgaacac taacgagcac atgattaaan ggcaacgagc 960
 aagtcgaagt tgccaagaag cagccccaa aaccgcgcta agctcaagtg gagggcgctc 1020
 tcgaagctct acttattatc atcgcatgcc gccacggntg gtgtngtgac aangtaacac 1080
 caacacaaac tctagaagat cgaggtctct gttgaacatg cctttgggtc tttcgtgaag 1140
 gggccagttg atggtancaa tatcacactg agcgagcact tctcaagag tgtcgacgcg 1200
 gcggcagcca ntctctctct cgtctcaga agaaaggggc tggtagtcga agtagagaag 1260
 ctcttgcac tcgaaaggct tgaagacggc ggagacacgt caccgatgcg gccgacagcg 1320
 acagtaccga caaccttgcc ctcaagatca aactcctgtt agcagcgtgg gcgacatccc 1380

attcaccagc	ctcaatctgt	tctgtgggcag	ggacgaagtt	gcggatgaga	acgaggatgg	1440
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taccgccggt	ggttgtgttg	gcagcggtga	ggtcgacgtg	gtcggagccg	ataccagcgg	1560
taacagcaag	cttgagcttc	ttggccttgg	ccagacgctc	agcggtcagg	taaccgggggt	1620
ggaagggagt	ggtgatgata	atctcagcat	ccacgagctc	ctcgtcgaac	ttggaaccct	1680
cacggtcctt	gtcggaaagt	gtgacaagag	tgtgaccttg	gtcctcgagc	cacttgcgga	1740
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cgctcgtagag	aactgcaaga	accttgacca	ttttggcggt	tgtgaaaagg	gttgtttgtt	1860
ttgttggaag	ggtgagaaga	aggaagaaag	atgatgatga	tgatgagagt	gaggaggaaa	1920
gaaagtagaa	tatcgagggt	ccaatgccag	atatttatgc	tctcgatgga	acaccatgac	1980
tatgtgtctt	gtcaccaagt	aacgggcacc	cagtgtgtaa	cggatgccct	ccacacgagc	2040
aacacggaaa	cagccaagga	tccacatctc	acacactgca	gtgcaatgaa	tggattgtgc	2100
atgttcgcca	tgaacggnat	agnaccgctg	gcccggtcga	ggtcgcccaa	gactngctcc	2160
cccaccctaa	caagggattt	cccttcgggt	ccccgaaatc	ccaaacctgn	tggncctttt	2220
aaccaagaa	ggggcnaggg	gn				2242

<210> 76

<211> 1131

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1131)

<223> n = A,T,C or G

<400> 76

cgccgccttt	caaaacatca	ttcgagtttg	agccctcttg	aaagntnttg	tcaancgaat	50
acccaccaac	aagcaacgct	tttttcagca	ccccgcttgt	ttacatcttt	cgcacctgtc	120
gctacaacac	cacagacaca	accatcaaaa	tggttgagca	gcagacccct	accttcaagc	180
tctgtcttgt	cgggtgacgg	ggtaccggaa	agaccacctt	cgtcaagcgc	cacttgactg	240
gtgagttcga	gaagaagtac	atggccaccc	tccgtgtcga	ggttcaccct	cttggcttca	300
ccaccaactt	cggtcagatt	cagttcgatg	tctgggatac	cgccggtcag	gagaagttcg	360
gtggtctccg	tgacgggttac	tacatcaacg	gccagtgccg	tatcatcatg	ttcgatgtta	420
cctcccgtat	cacctacaag	aacgtcccca	actggcacccg	tgatctcgtc	cgagtttgcg	480
agaacatccc	catcgttctc	tgcggtaaca	aggtcgatgt	taaggagcgc	aaggtaaggg	540
ccaagaccat	cactttttcac	cgaaagaaga	acctccagtc	tacgatctct	ccgccaagtc	600
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tgttggaaca	gtgtccaagg	aacgggtgcat	tgggcagtg	ttgaggatgg	cacataggca	900
gcgggaacga	tcatttatga	gtacaggacg	gaagtnctgg	agtttacagc	aqcgtgatta	960
tggggcgcca	caaaagactg	gccgtcatgc	ctctcttttg	gggttacaag	ggacgggtgta	1020
ctgcaaagag	cagtgtctta	tttagtttag	ctagacttcc	tccaccaaaa	caataaacag	1080
ggccaagttt	gcgtggcttg	gctaagacag	cgaactttga	ccctttgatg	g	1131

<210> 77

<211> 1264

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1264)

<223> n = A,T,C or G

<400> 77

ccgagaatct	ttctgtatat	taatcctccc	tgatactact	cctccatcta	aatatttcat	50
ctcttctctg	ctttgtcttg	cgcattatac	ccagtcctca	acttctttac	tacatcacac	120

tcagttacat	catagcaaaa	atgggcggtca	ccgaccgcat	tattcagatt	ggaggccaga	180
tctctggtaa	cccgaccgct	ggcgggtcgtg	agaagatcct	acagaagaac	cccgatgata	240
tcgtcgtcac	cgccgcctgc	cgaagcgcct	tcaccaaggg	aggccgtggt	ggtttcaagg	300
acacacacgc	tgctgatttg	atggccggag	tcctcaaggc	tatcctcgac	cgttcaaaga	360
tcaaccccg	cctcgteag	gacctgtgtg	tcggaactgt	gctcgcccc	ggtggtggtg	420
ctactgagat	gcgagctgcc	agcttggtcg	ccggtttccc	agagtccatc	gccgtccgaa	480
ctctcaaccg	acagtgtctt	tctggtctcc	aggctactgt	cgatgttgcc	aaccagatca	540
agactggcat	gatcgatatt	ggtatcggtg	ctggtgttga	gagcatgtct	atcaactacg	600
gtcctggcgc	tgtegtgag	ttctccgagg	aattcgagaa	ggtccctgag	gctgccaact	660
gcaaggtccc	tatgggtggt	ctgtccgagc	agatggccaa	ggatctcggt	atcactcgac	720
aggcgcaaga	tactttcgcc	gccgcacat	accagaaggc	cctcaaggcc	caaaaagagg	780
gtctctttga	tgaggagatc	gctcctttca	aggccaagtt	cgaggacaag	gagggttaaca	840
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tcggcaagat	ccgcctgcc	tttgctaagg	acggatctat	ccacgctggt	aacgccagtc	960
agatctccga	tggtgccgct	gctgttcttc	tcataaagcg	atctaccgct	ganaagctcg	1020
gacagaaaaa	tatcggaag	taogtctgg	cctcaattgt	cggtgtcaag	ccccctctca	1080
tgggtcangg	gccccggaaa	gatataccta	aggctctcga	cctctctggt	atctccaagg	1140
atgatttcaa	ccttttggag	atttaacaag	gcttttgcca	gcctttgctt	gtggtcgcca	1200
caactgggtt	ccccnaaaa	aattanccca	nggaagtgcc	ntgccttggt	cccccttg	1260
gtgn						1264

<210> 78
 <211> 876
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(876)
 <223> n = A,T,C or G

<400> 78						
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ttggaagatg	aagcttgcc	tgtgccgtgc	cgtctttgag	gctcccgata	ttctgttgct	120
tgacgagcct	accaaccatt	tggatgtgaa	gaacgttaag	tggctcgagg	agtacctcaa	180
gaactctgct	tgcacttcta	tcacgtctct	tcacgactct	ggtttccttg	acaacgtctg	240
ccagcacatc	gttcaactacg	agcgattcaa	gctcaagcgt	tacaagggtg	acctggctgc	300
tttcgtcgcc	cgcaacccct	ctgctaagtt	ctactacgan	cttggcgagt	ccgagatcga	360
attcagcttc	cccgagcccg	gtttccttga	agggtgtcaag	aacaaggcca	aggccattct	420
ccgtgccacc	aacatgtcct	tcacgtaccc	cggtagctcc	aagccccaga	tcagcgacat	480
ctccttccag	tggtctctgg	gatctcgat	tgccgttatt	ggtcccaatg	gtgctggcaa	540
gtctactctg	atcaacgtcc	tcactgggtga	actcatccct	acccaagggt	gagatctacc	600
agcacgagaa	catccgtatc	gcctacatta	aqcagcacgc	tttcgctcac	atcgataacc	660
acctcgacaa	gactccttcc	gagtacatcc	agtggcgatt	ccagactggt	gangatcggt	720
agaccatgga	ccgtgccaac	aagatcatca	ccgaagctga	tganaaggca	tggaacaagg	780
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<210> 79
 <211> 822
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(822)
 <223> n = A,T,C or G

<400> 79						
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tgcccgacc	caggtcggag	agtccttga	gtactccaat	gagaccaaga	agcgaaactt	120
cctcgagacc	gtcgagcttc	agatcggcct	gaagaactac	gacccccaga	gagacaagcg	180
tttctccggc	tccatccgto	ccccctccat	tcctcgcccc	aacatgtcca	tctgcattct	240
cgggtgaccag	cacgatatcg	atcgtgccaa	gcacggtggt	gttgacgcca	tgtctgctga	300
tgacttgaag	aagctcaaca	agaacaagaa	gctcatcaag	aagctcgctc	gcaagtacga	360
tgctttcgto	gcttccgagg	ctctgatcaa	gcagatcccc	cgtctcttgg	gtcctggtct	420
gtccaaggcc	ggaaagttee	ctacccccgt	ctctcacgcc	gatgatctca	ctggacgtat	480
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cgtcggcaac	gtcgagatga	cccaggagca	gcttggtggt	aacatcatgt	tggccatcaa	600
ctaccttgto	tctcttctca	agaagggctg	gcagaacggt	ggaagcctta	ccattaaggc	660
ttccatgtct	ccccccaagc	gcctgtacta	agtgtgtttc	tttggccttc	gcctgagatg	720
gttcggcaat	tgagttcgct	gaaatgtgga	cggtagcgta	gactaggatg	gcaggaaaaa	780
taaacaatac	gagacaaacc	acnaaaaaaa	aaaanaaaaa	aa		822

<210> 80
 <211> 987
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(987)
 <223> n = A,T,C or G

<400> 80						
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ntctggcacc	atcgagcccg	ttgcccagggt	cctnaaggac	gccgntatcg	anaagaaggc	120
cgtcgacgag	attgtccctcg	tnggtgggttc	taccogtate	cccaagatcc	agaagcttct	180
gtccgagttc	ttcgatggca	agaagctcga	naagagcatc	aaccccgatg	aggctgttgc	240
ttacgggtgcc	gcogtccagg	ccggtntnct	ctccggaaaag	gccacctccg	ntgagaccgc	300
cgacctcctc	ctcctngatg	tcgttccctct	gtctctcggt	gtcgccatgg	agggtaacat	360
cttcgcctcc	gttggttcccc	gtgggtaccac	ctgccccacc	ctcaagaagc	gaaccttcac	420
cactgttgcc	gacaaccagc	agaccgttca	gttccccgct	taccagggtg	agcgaaccaa	480
ctgtgaggac	aacaccagct	tgggtgaatt	cacttttgtct	tctatcccc	ccatgcgcgc	540
cgggtgagge	cgtccctcgag	tgtgtcttcg	aggctgaatg	tcaacgggat	tctcaaggct	600
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cgatgatgct	ttccagaaga	agttcgaggc	taagcagcag	ctcgagtcct	acattggccg	780
tgttgaggag	atcgtcttcg	accactctcg	tccttnaagc	ttaagcgtgg	ccagaaggag	840
aagatcgaga	gcaccatctn	tgatgccatg	gncggctctg	agacaacgag	agcccgcgtga	900
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atgcncaaaa	ttgttgggat	tgannng				987

<210> 81
 <211> 650
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(650)
 <223> n = A,T,C or G

<400> 81						
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atgtgactga	gaaaggcttt	cagcctactc	tccttgccga	gtatactcgc	ttgtctaatg	180
cactggccct	gtttcgtgcg	acgcgaattc	ttgccaaagg	actagagaag	aactaccccg	240
cctcaagctc	ctacgagata	tctcttcaac	agatggcttc	tcttgagagt	gagctggatg	300
cttgggtacca	tcagctgcct	tctcatctga	gactcaactt	tgttcaagac	aaaccgtcaa	360

cagatgtgac	tggcagtcgc	tgcctcttat	tagctctggc	ttattactac	atccgcacgc	420
tcattctatcg	tcctgccgtg	ggctccagtc	taggttccaa	ggcggcatca	gccctgatat	480
caatcggatc	atcgagtaag	cacatgggtc	agattcttca	gctgcttgaa	gagcgtggca	540
tgactttctc	attctgcctg	aacaagactg	atctactggg	tgatctgcgg	catgacgttg	600
ctctaccact	caattgatct	caaacaagac	agtaagataa	tgcgcgagnc		650

<210> 82
 <211> 1037
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1037)
 <223> n = A,T,C or G

<400> 82						
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atggcctcca	actacaccgt	ccgcaagggt	tgcggctccc	aacaccctcg	agcaccgagt	120
ctacatcgag	aaggatggac	agcccgctctc	tcctttccac	gatattcctc	tctatgccaa	180
ccaggagcag	actatcctga	acatggncgt	ggagattccc	cgatggacca	acgctaagct	240
tgagatctcc	aaggaggagc	ttctcaaccc	tatcaagcag	gatatcaaga	agggcaagct	300
tcgatacgtc	cgaaactgct	tccccacaa	gggttacctg	tggaactacg	gtgccttccc	360
ccagacctgg	gaggacccca	acactgtcca	ccccgagacc	aagggcaagg	gcgacaacga	420
tcctctcgat	gtctgcgaga	tcgggtgagct	cgtcgggtac	ccccggtcag	ataaagcagg	480
tcaaggncct	cgggtgctatg	gctctnctcg	acgaggagga	gactgactgg	aaggctcattg	540
tcattgatgt	caacgacctc	ctcgttttca	agcttaacga	cgttgaggac	gttgagcgac	600
acctggccgg	ncctttccgt	gccaccaaag	agtgggttcc	gtatntacaa	gaattcccga	660
tggcaagccc	gagaacaagt	ttgccttaac	tggcgagtgc	aagaacaagg	actacgctct	720
tgacgttgtc	cgcgaagtgc	gcttgaggct	tgggagcgtc	tcgtaactgg	caaaaacccc	780
tctggcggtg	tttccaccac	aacgtcaatg	gcagcaatct	cttctcgcgt	aagcctgaca	840
agctttctct	ctgcttgcta	aaaaggagct	ccgcgcgaga	agatcgacgc	ttcattgaca	900
agtgggtctt	cacacgcggg	gcctctgctt	aagtgttata	gaccatcttg	cataaaaaag	960
aacaatttng	atnggcattc	aagtnttaca	aaaagttgag	cataaatgct	tngagcaatg	1020
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<210> 83
 <211> 871
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(871)
 <223> n = A,T,C or G

<400> 83						
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gcaaacatc	ttgcatgcc	cgaagctgta	cgcaaagtct	ttgacgagga	gcttaacaag	120
cttgcctcct	ttgaaacccg	tgcctccgag	ttcaacqta	caagaaacta	tctcgatttg	180
cttaccacaaa	tcccttgggg	caggaggagt	gcccagaaact	ttggcattca	tcacgctgtc	240
aagatctttg	atgaggatca	ccacggctctg	aaggatgtca	aggaccgcct	tttgaggttc	300
atcgccgttg	gtaagcttcg	aggcactgtt	gagggcaaaa	ttctctgctt	tgctgggcct	360
cctgggtgtg	gtaagacgag	tatcggaaaa	tctattgtct	gtgctctcaa	ccgagaatac	420
taccgattca	gtgtccggtg	tctcacqgat	gttgcttgag	atcaaagqgt	caccqaaqa	480
acctacgttt	gggtgcctgc	ctggctcgat	gatccaagct	ttgaagaaat	gtcaaaactga	540
gaaccccttt	gatacttgat	tgacgagatc	cacaagaatg	gtagaggtta	ccaaggtgat	600
ccttcacccg	ctcttgctcg	aattgtctga	accccaagca	gaacaactcc	ttcttggtac	660
actacatgga	gtgcccgtg	gacttatcca	aggttctgtc	gtgtgcactg	ccaacatgac	720
aqacactatc	cctcgccttc	ttttgqaccq	aatggaactc	atcacccctc	cangatatgt	780

cgctgacgan aagatggcca ttgntcaacg ctatcttgcc cctgtgntaa ggaactggtg	840
ganttcaaaa gccgatncac ttttgagcga g	871

<210> 84
 <211> 844
 <212> DNA
 <213> Fusarium venenatum

<400> 84	
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tgccccgcac cccaagatcc gaattcttca tctcgccgca aagcgcgcca acgtcgatga	180
cttccctctc tgcattcacc tegtcttcaa cgagtatgag cagctgagct ctgaggctct	240
tgaggccgcc cgtatttgcc ccaacaagta cctgggtcaag aacaccggta aggaggggtt	300
ccacctccga gtcggtgctc accctttcca cgtcgctcgt atcaacaaga tgttgtcttg	360
tgcgggtgac gatagactgc agaccgggtat ggtgggtgac tggggtaagc ccaacgggac	420
tgttcgggtg gtaaacattg gccagattct catgagcgtc cgcactcgtg atgctaaccg	480
tgccatcgct ctcgaggccc tcgcgcgac tcagtacaag ttccctggcc gacaaaagat	540
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ggctgcccgc cgcgtcaagg tcgacggtgc ttacgtccag ttctcttcca accacggttc	660
tcttgagcgc aacatccgtc gtttccccga cgttttcaag tctgaggctt aaaggaatga	720
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cttt	844

<210> 85
 <211> 805
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

<400> 85	
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ccgactcatg ggccgatacc gatattcatt gggatggaga ttcttggaat gatgtcggta	180
ccaacttgta cggttgcatg aagcagctta acctgttgaa aagacgtaac cgaaaacctc	240
aaggttcttc tcagtattgg aggttggaac ttcagtagca acttcaaggc ccccgctagc	300
acaccccaag gacgtgacac attcgccaag agctgtgtcg atctgatcaa gaacctcggt	360
tttgacggta tagatatcga ttgggagtag ccccgaggatg ccaacgaggc tagaaactat	420
gtcgaacttc tgggcgcgct gcgtcatgag atggatgcat atgcacagac attgagccaa	480
ccttatcact ttgagttgac tgtggcctgt ccagccggtg cgacaaactt ccagaagctc	540
gatatccgtg gaatggatca atacctcgac ttctggaacc tcatggctta cgactatgct	600
ggttcttggg accaaaactgc gggtcacacg gccaacctgt acccatctca cgacaacca	660
ntatcaacct cattctctac ctctgctgcc atcgactttt acgtcccagc ggtgtgaacc	720
ttcaaanata gttctcgcca tgcactctc cggccgaacc tttganaaca ccgacggtcc	780
cgccgcccct accaaggctt ngaca	805

<210> 86
 <211> 628
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

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<400> 86
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gtcaaccaac gattagcagt caagatcctc gagaaatacc accacgtggt aaccgtggta 180
ggcaacggct gggaagccgt caaagctggt caacgcaaga aattcgatgt cattcttatg 240
gatgtacaaa tgccaatcat gggagggttc gagggccactg gcaagatccg agagtatgag 300
cgtggcatag gaagccaccg cacacctatt attgctctaa cggcccacgc catgatgggc 360
gatcgagaga agtgcattca ggctcagatg gacgagtatt tgtccaaacc tttgcagcaa 420
aaccacctca tccagaccat cctcaagtgt gctactcttt ggtggtccat gtcgagaag 480
aatcgtgaac gcgagtggcg ctccacgccg aaacgaaatc gaanataagg aagangccag 540
gcttgntgng accgacactn ganagccng cttnacgagt cgnagcccta tggggaaggg 600
aagganagcc tgcattttgc accgggaa 628

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<210> 87

<211> 993

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(993)

<223> n = A,T,C or G

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<400> 87
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agatttggaac gttgacttct gcgacccaag aaacttgact gtcggtactg gcgctatcaa 120
cagcactctt gctcctgagt tctgtgccga cgagatcaag gttgagccca agatcgcttc 180
tcagtcgttt gacttcaacc ctgctgctca cggcctcccc acctttgaag acttttccga 240
gtttgactct gaggacgact tcgtcaacag ccttgtaaac ctgctgagc agcctgccaa 300
cgctcttact gacattactc gacctcgtgc ctgcaccggt tcttcggttg tctctctcgg 360
ccacggtagc ttcatgggtg acaaagatct atcctttgac aanaacgaag ctttccaatt 420
tccttcccan cctagccctc ctccacctg cgcttccacc tgtgcttctg aagactgcca 480
ccagaaacaa gcgagtcaag aagtcccagt ccgaggagcg ccacactgct cccgccatga 540
acatcgctgc ttccgctgcc gactctggca acgcccagga gtcccccaac caggctgatg 600
agggtagcga ctctggtgcc tcctctgggt ccgagggttc tcctgctect ctccctgctc 660
ctgccaaacc ccgaggacgc aagcagtcct tcaccgagga tccctccaag actttgtctg 720
cgatctttgc aaccgtcgtt tcgcgcgtca ggaacacctc aagcgccact accgctctct 780
ccacactcaa ganaaccttt gagtgtacga gttggcaaga attctccgaa cgacacctgg 840
ccacatgccc gaaccacgcn cgtgccatct canaactgat gananatctc tgctacgtgc 900
tctatgtgtt gcgccannat atataatacg gnagtctctc aatgctcgag tctgcgcgca 960
tgaantttcg anagganaca gacaaaaanc agg 993

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<210> 88

<211> 1157

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1157)

<223> n = A,T,C or G

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<400> 88
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acogaattaa atgaaatgra ttgacaagng gtaggtacta aaaaaanaaa catggctgcc 120
aattcccggt tcagccttag atcccccgng gagatgctct aaccataaac cccatcagac 180
cactgacacg gccatcagcg ctgtactagg gactacnaaa tattgttttc ttcgttttcg 240
catcgcatga tgattatggc gctgggaatc atgagaataa cagaatcatg tttctccgcg 300
ccttcaatgc ttctccgggg gacgatataa agtcggcagt atagacacaa ttaacctaca 360

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acaggcaciaa	taaacaaaca	gcacatacag	aacagacacc	ataccgtcag	tacagaaaca	420
cacaatggct	ctcacagcag	cacaagtagc	tatcgtcaag	agcacagctc	ccattctcaa	480
ggagcatggc	aagaccatca	ctaccacatt	ttaccgcaac	atgctcggcg	cccatcccg	540
gctaaagaac	tacttctccc	ttcgcaacca	acaaacaggc	gctcaacaag	ctgctctcgc	600
aaactccgtc	ctcgccctacg	ccacatatat	cgatgatctc	ggcaagctgt	cccacgccgt	660
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cggcactcat	ctcatcgggc	cattgggtgaa	gtcctcgggt	ctgctttaac	cactgagatc	780
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ttttccaagt	tcctttcccg	gacaatacgt	cagtctggna	aaattctatt	tctgagcttg	1020
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ggattagnng	taaagcttca	ngggccanag	gaggaccttt	cattgaanat	ttttcgttgg	1140
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<210> 89

<211> 858

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 89

gagctgttgg	cgatagcaac	acgacacgtc	gtcggcctct	caatcaccca	attcccatct	60
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ggtttctctc	aagtcggata	tgcgcgcag	aactttcccg	agcatcaata	cccttccatc	180
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gaaaacggta	tcgtaagaa	gtgggatgac	atggagcacc	tttgggatta	cactttctac	360
gagaagctca	aggtegatcc	ccagggccag	aagatcctct	tgacggagcc	tcccatgaat	420
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accacettac	gaagcgatta	gaactttgccg	gccgagacgt	cacgcgcaac	ctgatcaagc	660
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caaatcaagg	anaaactatg	ctacntgtcg	naccaacctt	naactcaaaa	agcccttgag	780
tgaggatacc	acntttcttg	tcgangatta	cantntgccg	gacggacgng	tgatcccggg	840
gggcagagag	cgttttga					858

<210> 90

<211> 709

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 90

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gatggatcgt	caccataaag	acaagcactc	tgatgcctcc	gotatgtatg	agtgttcgtt	180
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cacggctgga	cctatgtncg	aaccaagacc	aacggcaaga	agctgcgcgc	gatcgtcggt	300
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aacaatgtcc	cacgcctcca	caaaaacgact	gacacaatcc	atgggcaacg	actttcctct	420

ttaccccacc	gactctgact	ggatgtcagt	taacaacatc	ccctctgagg	caatgcatat	480
ggatctgact	cttgattcga	cttcgcctgc	ttctgctagt	tcctacgaag	cagtatgcac	540
catatcaaaa	cggttcagct	tttatccttg	acaacgaaga	tctttacgct	gctactatgc	600
aacttcgggc	tcagttccct	cgcctgagca	agttggcatg	tnccgtaacc	ctaagatgat	660
gcaacagcag	ctgcccctgt	tccagcaaag	ttcctcaaca	gattcctca		709

<210> 91
 <211> 980
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(980)
 <223> n = A,T,C or G

<400> 91						
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cgttcagtca	acccaaaaaa					980

<210> 92
 <211> 1549
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1549)
 <223> n = A,T,C or G

<400> 92						
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ctacgtcgtg	gacgtatca	atgccttcca	ccccacgcct	gagcatcctt	tcattctagg	180
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tgggaacgat	cccaactcgt	accactcatt	catgtggaag	cacttcttct	cccatgtcaa	360
catccatcct	tccaaacgtac	acatccttga	tggtaacgct	gccagccctg	aggctgaatg	420
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aagttggtgc	attatcctgg	gagcccgag	gnacttgntt	tacaaaaagg	gggtcgaaaca	720
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cgagcctatc	gcctcgcacc	ttttgcgcgc	aacacccatg	ggtgactatt	ctatgagaac	1020
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ccgcagactt	acaccaaatt	ttgaagttca	gaccgacgtt	cctaagacaa	aggttgatat	1140
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ccctgaacca	agtctgaatg	gcagattgac	gcctaaccac	gaattgtagg	atggaatgaa	1320
tactggtgaa	ctttattaag	tggagaagaa	taaggatgtc	nagtcantag	gaagatggcg	1380
tagtagaaat	ggagattagg	actgtatcaa	tatcgggtata	tcaaaacaaa	tgaccttatt	1440
gcattgcctac	caggtaggcc	gcattgaaaac	tggcgctgat	taaagtaggt	tatagaaata	1500
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<210> 93

<211> 1670

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (1670)

<223> n = A,T,C or G

<400> 93

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gtgaaagcaa	gaccttccctc	gcccgcctct	gcgagcaggc	tgagcgctac	gatgagatgg	180
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ttctcagcgt	tgectacaag	aacgtttgtcg	gtactcgacg	tgccctcgtgg	cgcctcattt	300
cctcgatcga	gcagaaggag	gaatctaagg	gatccgacaa	gcacgtttcc	accatcaagg	360
actaccgcaa	caagatcgag	accgagctcg	agaagggtctg	ccaggatgtc	ctcgacgttt	420
tggacgactt	cctcattcct	aacgctgccca	ctggcgagtc	caaggctctc	taccacaaga	480
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ctgccaccgc	tgcccacgat	gcttacaaga	gcgccaccga	tgttgctcag	actgagctca	600
ctcctactca	ccccatccgt	ctgggtcttg	ctctcaactt	ctccgtcttc	tactacgaga	660
tcttgaactc	ccccgaccgt	gcttggccacc	tgcggaagca	ggccttcgac	gatgctattg	720
ccgagctcga	ctccctgtct	gaggagtctt	accgtgacag	taccctcctc	atgcagcttc	780
tccgcgacaa	ccttaccctc	tggacttctt	ctgacagcgc	tgagggcgag	gccgcgggtg	840
ctgcttgatg	ctcctaaaaa	ggaggagggc	gaggctgcaa	gcccgcggag	gagcctgctg	900
aggaggtgc	tectgtctct	gcttctctaaa	tctatcaata	atccccctnga	tccacatacg	960
tctcggcata	taagaaccga	aaagtattct	cgcccgggta	cactcgtctg	gccctggaca	1020
caaggatagc	tgggactgtc	ttgggcnngc	tggatgatag	tacgaggctt	cttntttttg	1080
cgongggcgg	tgtttttttt	cacgacgatg	gagagggagg	aatggatcaa	ataagggtct	1140
tgactcttgg	gttctggtaa	angggaaagg	gttgcggggc	cggaatcttt	cgtctcgtct	1200
cgttcgtcgg	actcttgaaa	aaaatcgacc	gccaacctct	gatgatgacg	gctcttgttt	1260
ttttcttttt	tacctggcag	ataaatcgca	aagtttcccc	cctttcacct	tttgctcttg	1320
gtctatctct	ggcaacctagc	atttgtgtat	ctctctcact	tccgtcttgt	tgttcattaa	1380
gaaagtggac	agggcatacc	ccatcccgat	ggatcgccac	gaagaaggct	ttctcatggt	1440
acgccttttt	ctcccttgnc	ccatgtcgtt	tatgtctttt	cgttccctgtc	tatcggtccc	1500
ttatcaaac	ataccttagt	gaaagaagac	ggaaggagat	gaatgggttt	ctgggtatttt	1560
tttttaaaaa	aaaaaaaaacca	ctttcccccta	aaaaaaaaacc	ttacattttt	tgctcacagg	1620
tacggagaag	agagactggt	gctctatctc	atttgccttc	tttctctctg		1670

<210> 94

<211> 859

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(859)

<223> n = A,T,C or G

<400> 94

gcccctactg	agaagggtca	gacgcgagag	actggattcg	acatcacccg	cgctagttag	60
tgtatggcta	tcctcgccct	cagcaacaac	ctggctgaga	tgcgcgagcg	tctgggatca	120
atggctcgtag	ccacatcacg	aggtgggtgac	cctgtcacag	ctgacnactt	tggtgctggt	180
ggtgcccctca	ctgctctcat	gaangatgct	atcaagccca	acctcatgca	gactctcgag	240
ggtactcccg	tctttgtcca	tgttggtccc	tttgccaaca	ttagcattgg	acagactcta	300
tcctcgccga	acaagcttgc	actgaagctt	gcccgtaccg	aggctgaata	aaaaccacaa	360
ggagaaggcc	ggtttcgctg	ttactgaggc	tggatttgac	tttaccatgg	gaggtgagcg	420
attcttcaac	atcaagtgtc	gtacctctgg	acttggtccc	gacgttggtg	tcctcgttgc	480
cactgtccgg	gctctcaagg	tcacggcgcg	tgcctccctt	atcgctcccg	gtgctgccct	540
cagccctggt	tacaaggaag	aaaaagtcaa	tatcctgcgt	gctggctgcg	tgaacctcaa	600
gaagcaaat	gccaatgcca	agtcttttgg	tattcctgtc	gtcgctcgca	tcaacaagtt	660
tgcqaccqac	acaatgctg	aaatcgctgt	catecgcgag	gaggtgtgt	cggtggtg	720
tgaggatgct	atcctgtcta	accacttggg	ctgaggggtg	caaggggtgc	cggtgactg	780
gcccacngtg	tcattgcggc	agctgataag	cccaaggacc	tcaagtccac	ttacaacctt	840
cnanggaacc	cntccaaga					859

<210> 95

<211> 1107

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1107)

<223> n = A,T,C or G

<400> 95

ccaccgtctg	cctcgacggg	gaggtcctga	aggtctcgcc	ccagggcaag	gacatgtctt	60
cgcacattgc	tcctccctatg	tgcctccca	ttaagcctac	cacttcgatt	gcccaggcct	120
cagactcccc	acgagaccgc	cgactttctc	tgttggttaa	cttcacagct	ctgaaccgcc	180
tcgggggtgt	tgactctggt	gctgttggtg	ccaatctgcc	ttcgcccgct	cggtgtgccc	240
ccccgtttga	cnaactcgcc	cctgggtctg	agctcccaac	tctggtcagc	tcgtcgctcc	300
aacagcttct	ggctcgacct	tgtcggttca	agaaactcac	gttctgtccg	tcaaagctta	360
cagtcganct	gatcttctac	tgtcttccac	tgttgcgcan	ganatgcgtc	ttggtgtgca	420
acntgaaggt	gtcttgaaca	tcctccgaag	tgtgtgtgtg	acacactctt	ctacgaacct	480
tctactcnta	catcgccgtc	gtttgatgct	gccatgcaac	gtcttggtgg	gcggnacccat	540
cgccatctcc	acctctcact	cttcggtcca	gaaagggtgag	accctccagg	acacctcccg	600
aactctggct	tgctacgggt	atgcccgtgt	cctccgtcac	cctgaggaga	ccagcgtcca	660
cgttgccgag	aagtacagcc	ctgtccctgt	catcaacggg	ggcaacggca	gcaaggagca	720
ccctaccag	gctttcctcg	acctcttccac	catccgtgag	gagttgggta	ctgtccaggg	780
tttgaccatc	accttccctg	gtgaccttct	ctatggccga	cctgtgcact	ctcttgtgta	840
cttgctccgc	cactaccagg	ttcangtcca	gcttggtgct	cccaagtctt	tggtctgccc	900
caccaaggtc	cgagagcagc	tcctcgcttc	tggccaactt	ctctgcgagt	ctgagactct	960
tactcctgag	atcctggctc	gtaatgatgt	cctgtactgc	acacgtntng	cagcgcgagc	1020
gcttccccag	tgaagaagaa	taccacgggt	caagaactct	taccgcgtgg	acaaccttcg	1080
ctcaancatg	ccaagaactc	ttgcatt				1107

<210> 96

<211> 931

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(931)

<223> n = A,T,C or G

```

<400> 96
ccgagcctct acccccatgt acctcttata gagaaagatc aaggccatgg gtatcaagat      60
ggttctgagt ggcgagggta gcgatgagat ctttggcggg tacctgtact tccacgctgc      120
acccgataag gagtctttcc acgaggaaac tgtgcgacgt gttaanaact tgcactatc      180
tgattgtctg cgagctaaca agtctacatc tgcttggggg cttgaggctc gtgttccttt      240
ccttgacaag gagttccttg agtactccat gaacattgac ccccaggaca agatgatcac      300
caaggagaag ctcgaaaagt acatcgctccg caaggccttc gatacttcag atgagcccga      360
tgagcagcct tatcttcccg ataacatcct ntggcgacag aaagaacaat tctctgatgg      420
tgtcggctac ggatggatcg atgcctcaa ggacaccgct ganaagcagg tcaactgacga      480
gatgatgaag aaccccaagc ctgagtgggg caacgatatt ccctgatacc aaggaggcat      540
actggtcccc atgcatgttt gacgagcact tctccctta ctgcgcgtca actgtcatgc      600
gctggactcc cacctggctc aagcaagagt gaccctagng gccgagccat tgntaccac      660
aacgccaat acgacaacgc ggnttaatga catagcgaat cgagtaaaac accaagtaga      720
gaaaacttgg cccactcatt ggaacttata ctatctgagg tatctgncat gaacctgac      780
taaggagcaa ctntgggtgt cgttnttgg aggnanaaaa aaaggcgtnt gggatttgt      840
taactacctt ggaatgctga tgaactgaaa aagggaacga tgatntgggc aaggacctg      900
ggaataaaaa ataaagacaa aagntnttaa a                                     931

```

```

<210> 97
<211> 1158
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(1158)
<223> n = A,T,C or G

```

```

<400> 97
cttgaacag accttctcta ctgaagatga aaggttcgga gttctacca ccgaggatct      60
cattcctggc ggtcgcgaca ttgaagtcac caacgagaac aagaaggagt atgttgatct      120
aatggtcaaa tggcgaattg anaaacgtat cgccgagcaa tttcaggctt ttaaggaagg      180
tttccaagag cttattcttc aggatctcat caacgtcttc gatgaacgtg agctcgagct      240
ccttatcgga ggtatcgccg agatcgatgt cgacgactgg aagaagcaca ccgattacag      300
aggatacacc gaatccgacg aggtcgtgca gaacttctgg gcgacagtgc gatcctggga      360
cggatgaaca aaatcacgac tgttgcaatt cactactgga acctcacgaa ttcccgtcaa      420
cggattcaaa gatcttcagg gcagtgatgg tcttagacga tttactattg aaaaggcggg      480
agaaatcact aatttgccaa aggcacacac ttgtttcaac cgactcgatt tgccccttac      540
aaganccatg agatgcttca gcagaagctc acgattgccg tcnaagagac tatgggtttc      600
ggtcaagagt agacaataac gacattacct tcagcaggga cacttgaact ggaaagggtt      660
aaactacagt caattgcact gccctgtatt caccacacaa gagcgacctt ctctggctctg      720
ccccattcct ctctcatata catgnaacaa catttgggta tttgctttgg tcccaaagag      780
ggacagactt gggctcatat gcgctgggtg aattaattcg ccttcaacat gcgatgcac      840
atctgattct tctcctggct cctcgagaga aaatggacga gattttaaac gggcctgcca      900
atacaaagtg catctcgccg acctgtttcg tggagaagaa gaactttcgc aaacattgtg      960
gaactactan gcatgcgccg ggacagacng gtccttggct gcgatgntgc tttgacgagc      1020
gatggaaaaa gaaactgtac ttagccatgt attacgtgcc gttggcagca aangcgaagc      1080
cagcgtgttt gagcttggaa gttaaaaaang gcanggtnac aacgcttnat ttcaactatt      1140
ttttcctat ntggcaan                                     1158

```

```

<210> 98
<211> 596
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

```

```

<400> 98
gaacgttggc atgaagaacg agcgatgggt tcccatgatg actgctgaca acgcctgggt 60
gccccgaaac gaactttctg cttctcacca gaagatgggt gctgatgttg atatgaagga 120
ggcccttgcc tctggtcagt tccgacctct ggccgaaaag gagattgagt ctcactgcgc 180
caacttcggt ctcgacgctg agcttgtttc tcaactctct atgcgtggtc tgtccgggtg 240
tcagcgtgtc aagactgtct tggtgcttg ctcttggcag cgaccccatc ttatcgttct 300
tgatgagcct accaactatc ttgaccgtga ctctctcggt gccttgtcca aggctctcaa 360
aaagttcgag ggtgggtgtc tcatcattac ccactctgct gagttcacca aggacttgac 420
tgatgaggtc ttggcccgtc atggacggaa ggatgacttc tttcggccac aactgggttc 480
agggtcaggg ctctggtccc cgtttcaagg gttacgacng tgattaggan gagaagttcg 540
atgccttggg caacaagatt gtcaccacca taganaaagg caagctgact ttntta 596

```

<210> 99

<211> 593

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(593)

<223> n = A,T,C or G

```

<400> 99
gggaggatct gcagaatata ccactccatc ccttgatcca gctgttctgt ggtgtcgaca 60
tcatctttgc catcgattct tcagcgggat acggacaaca attggcccaa tggtagcgct 120
cttcgtgcga catacgatcg tgcgatctcc agcttaggaa acggaactca gtttccctct 180
attccatcag ctgagacttt cattaatgag aagttgaacc aacgcccac actctttggc 240
tgtgatgcag acaacttcac gctttcagac ggcaaagctc ctctctctct tgtcttctac 300
attcccaacg cgccctacac attcttgagc aatgtctcta ccttcgatct ctcatacagc 360
atccctgagc gtgacagtat cattctcaat gctctgaacg gtgccactca gggcaatggt 420
actattgata aagaatggcc acgtgtgtcg tttgtgccat catganccga attgggtggaa 480
gtccaatgag acgttccaaa gantgcagta ctgttttgac agatacgtcg ggacggaaat 540
caataacaca gctgttaaga ctacaacctg gattatcatt ctaacaaaat gcg 593

```

<210> 100

<211> 836

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

```

<400> 100
ctgatatcca gactgccgag gaggtctctg agctcatcac cgatgccatt gagcaggctg 60
gttacaccgg ccagatgaag attgccatgg acgttgcttc cagcgagttc tacaaggagt 120
ccgaqaagaa gtacgatctt gatttcaaga accccaggtc cgatcctacc aagtggatca 180
cctacgagga gctcgccaac atgtaacttg agctctgcaa gaagtacccc atcgtctcca 240
ttgaggaccc cttoctgag gacgactggg aggcttggag ctacttctcc aagacccagg 300
acatccaggc cgtcgggtgat gacctgaact tcaccaaccc ccttcgnatc aagaangcta 360
ttgagcttaa gtcttgcaag ctctcttntc aaggtaaccc aagattggta ctctgaccga 420
gtccattcag gcttgccaag gactcttaac ccgacgggtg ggggtgcatg gtttctcacc 480
gactcgggtg gacggaggat gtcaccatcg ccgacattgc tgtcgggttc cgtgctgggtg 540
agatcaagac tgggtgctct gcccgatctg aacgtctcgc caagctcaac cagatcctcc 600
gcattgagga ggagctcggg gaccaggcta tctaccctgg taaggacttc cgcaagctcg 660
ttaacctgta aatgatgggt atcgggtgtg tggaaacaaa gccttgtgat gattatgatg 720
cctttagggt ttcagccagg acgcgtgaga ccataatccan gatggcaaat tgaaagtaat 780
agaggcaaaa atagtaaaaag ccaactgata aattaatgaa actttgattg aagttt 836

```

<210> 101
 <211> 1380
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1380)
 <223> n = A,T,C or G

```
<400> 101
caactctcta catctcatte ccaaccaaat ctccacgtct tttgcagcct cctattccat      60
cacgcccgac gactcatttc taccgatctt attgacttgt cttaccgcga cataacgagc      120
agccgccatc atgaaccccg aatacgacta tctcttcaag ctccctctca tcgggagatc      180
cgggtgtgga aagtctttgtc tgtttctgag atttgccgac gacacctaca ctgaatccta      240
catctccacc atcgggtgtcg actttaaaaat ccgaacgata gaactcgatg gcaagaccgt      300
caagcttcag atttgggata ccgccggcca ggagcgtttc cgaactatca cctcttctta      360
ctaccgtggt gccacggcca tctgcgtcgt ctacgatgtt accgacatgg actctttcaa      420
caacgtcaag caatggcttc aggagattga ccgatatgcc acagaggggtg tcaacaaagc      480
tgctggtcgg taacaagagc gatatgtcag acaagaaggc cgtcgagtac agcgtaaccc      540
aggagttcgc cgacaggctc ggaatttcat ttctngagac ttccggcaag aacgccagca      600
acgtcgagca ngctttnttg gaccatgggc cgtcagatca aggagcgcct gggcaccacc      660
acagccaaca acaccaagcc tagtgtgcaa gttcgggtcaa ggccagggtg ttggctcttc      720
ttccaacaac agctgctgct aaatgcattt gcgctctcct ttctcagtga agcaggatga      780
cggagtacag ccggaagat ggatcatgct agggatacga ccagacaaat tcaattacga      840
tgtttgcttt ctaccttttc tctcgtcgtt ccgcatagac cagatcataa tcgctcggat      900
tatgcatttc gttactgcaa ttacgaactct tattgccttc agtaaccaga ggaacggctc      960
tttccctctc tacgcctgcc acggaccctg acgctaaacg cgggtggaaaa tagacggagc     1020
gatattgatt gtggggatgg acttggagag ggaggtttgc agatacggag gcaggtccta     1080
tgttcctggg cgggtggctg tgggaaggtt tgcgcacgcg caagctgtat tttctcgttt     1140
tcttcttttg ccgtgccttc taccacggaa cgcacacatc gaagggcac tcgtcggttc     1200
ttgttctttt taacctgcca ttcatctgct ggaaacatca ttttgccac cctcgttctn     1260
ccttttgcca atcctggtct tttgttattt tgtagtctt tttgagcca ccaagaagtt     1320
acaaganaaa ggttggtgct tancgggttt ttnttaacct ggggttttgaa atcggggggg     1380
```

<210> 102
 <211> 579
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

```
<400> 102
cgccattgtc ggatctcact caggggtcaa gacatgtcga tgggacaaaa tcagctcttc      60
gtggacgcgg ctctgtttac aaatggctat tctacggtat tgccagtcac caatgtatgg      120
aaacaacccc ttctgtcttc tgtctgaaca agtgtgtctt ctgttggcgc caccgcaaaa     130
accagtttgg aacaacatgg cgatgggttg tggaccctcc tgatctcatc tttgacggcg      240
tcaaaatgaa ccattacaag aagatcaaaa tgcctgcgtg catgcctggt gtgcgagctg      300
agcgattcgc cgaagctatg cagattagac actgcgctct atcgcttgtc ggagaaccca      360
tcttctaccc ctatatcaac gaatttctcg gcatgttaca tgccgaacgc atttctctt      420
tcttctgtct caatgtctag catcttgacc aacttgcgga tctcaaaagc gtaactcaac      480
tatcgtatc tattgatgca gctgataagg aatcactacg gagaattgac agacctcttc      540
acaganactt ctgggaacgc ttcaaccgct gccttgaca                                     579
```

<210> 103
 <211> 928

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(928)
<223> n = A,T,C or G

<400> 103
cgagatcagt ctacctgtnc cagcacgttc atcgactcgc tgtagtttta tctgtccaaa 60
ttatacaatc gtccactccc aatcgatatc gtgttcaagc ttgctcaaaa tgagaccctc 120
cctcatcaag cccctcctac ccgcgcatac ctgctttctc gccgcgagaa cttcttcttc 180
tcttctctca ctctccaaca caatcaaate tgttagattt ttctcagctt catccgcagt 240
catgggtaac aagggtttct tcgatatcac ctgggagggt cccgtcttcc agaacggcaa 300
gccacacctc accgttaagg agcagactgg ccgcatacac ttcaacctct tcgacgacaa 360
ggcccccaag accgcgcaga acttcctgtc tctctgcact ggcgagaagg gtttcggcta 420
caagggtctt tctttccacc gaatcctccc tgacttcctg cttcagggtg gtgacttcc 480
ccgtggcaac ggcactgggt gcaagtccat ctacggagag aagttcgccg acgagaactt 540
caccttgaag caccgagaag ccggtctgct ctccatggcc aacgctggcc ccaacaccaa 600
cggtctctcag ttcttcatca ccaccgtcgt caccctcttg ctcaacggac gccacgttgt 660
ctttgggtgag gtcgctgacc agcagtcctt tgatgtcgtc aaggcccttg aggctactgg 720
ctccggcagt ggtgcccgtc agtacaacaa gaaggccacc atcgctcgact gcggtgagct 780
gtaaacagct caatccgtac gacgtggcga gcgggaattt ggaattgcat aacaaaacct 840
cactgagggc tggcgacatg gagctagtta gtcacaggct agtaaaagca tctagctatt 900
gaacaatgtg aaccaataaa cccaanan 928

<210> 104
<211> 670
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G

<400> 104
naacatnaat cgatncccc ttcocgcttg aactgagtc ttatctnngg atataccttc 60
attgaacctc tgctctactg tacctacctt tcattcactt acaccagcct tcaacatgac 120
caccgagttt cttctctgct cagccagctc tgcttacgat tacattatcg tgggtgggtg 180
cagggctggg tgtgttctag cttctcgtct ctctgcctac ctccctgagc gcaaggctct 240
tgtcattgag ggtggctcct cggacttcgg tctcaacaat gttcttaacc ttcgagagtg 300
gttgctcgtc ctccgtgggt acctcgacta cgactacccc acaactgagc agcccaatgg 360
caacagtcct atccgacact cgcgagccaa gggtctcggg ggttgctcct cgcacaacac 420
ccttatcttc ttccgccctt ccgccacgat atggaccgtt gggctctcaa gggttgcaag 480
ggatgggact ttgaaaccgt catgcgcagg gtcgacaacc tgggcaacca ggtgaacccc 540
gtncaccccc gtcaccgtaa ccagttgant aaagactggg tcaangnttt gcttcgangg 600
catgggtatt tccattatc caggaattta accacgagaa tttaananaa gggccaattg 660
gaccaagggg 670

<210> 105
<211> 998
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(998)
<223> n = A,T,C or G

```

<400> 105
atcctccact aacttcgcag cagccaggtc aagaacactt gcaccatcac aactggcaat 60
atgaagttag acatcagcta ccttgccaat ggcagccaga agtcatcga cattgaggat 120
gagcgcaagg tccgtgtctt catggacaag cgcattggcg ctgagggtcc cggtagactct 180
atcggcgatg agttcaaggg ctacatcttc cgcacactg gtggaaacga caagcagggt 240
ttcccaatga agcagggtgt catgcacctt actcgtgtcc gctccttct ttccgagggt 300
cactcttgct accgcccctg ccgcactggt gagcgcaaga aaaagtccgt ccgtggttgc 360
atcgtcgcca tggatctttc cgtccttgc ctcagcattg ttaagcaggg tgatgccgat 420
atccccggtc tgaccgatgt cgtccacccc aagcgccttg gtcccaagcg tgccaccaag 480
atccgcaagt tcttcggcct caccaaggat gacnatgtcc gcaagtacgt tatccgacga 540
gaggttcaac ccaaggggtga aggtaagtcc cttacaccaa ggctcctcgc atccagcgac 600
tcgtcacccc ccagcgtctc cagcacaagc gccaccgtgc cgttttcaag cgacgacagg 660
ccgagaaggt caaggacgag gccaacgagt atgcccagat cctcgccaag cgtgttgccg 720
aggccaaggc caacaaggcc gatgcccgca agcgacgtgc cagctctatg cgcaagtaag 780
gttcggcgct ttaatgaaaa aaaggggaat cataccttgg tcttgtgggt tgcatgcaat 840
aggagtgagg attctctata gggcctcaat ttagcctaac acgaactgtat tagaggcatt 900
tcgggaaaaa taagaacatg cattgatgca ctcgtgccat acgccagana acgcgcattg 960
tcattgnctt ggatacccat tcaatttctc gcccatcc

```

```

<210> 106
<211> 616
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

```

```

<400> 106
gagaattggt cgagatggct cggacaaaga aggcttgcct tatcttcttt gatgaaatcg 60
atgccattgg tgggtcccga tttgacgacg gtgctggcgg agacaatgaa gttcaacgta 120
ctatgcttga gctaattacc cagcttgacg gtttcgacgc ccgaggaaac atcaagggtca 180
tgttcgcgac caacagaccc tcgacattgg atcctgccct gatgcgacct ggacgtatcg 240
atcgaaagat cgagttctca ttgctgac tcgaaggccg tgccaacatt ctncgcattc 300
acgcaaagtc catgtctgtt gagcgagaca tccgatggga gtcctctca cgtctttgcc 360
ccaacgcaac aggtgctgag ctgcgcagtg tgtgcaactga agccggtatg tatgccatcc 420
gcgccaggag aaaggttgcc tcggagaagg atttctnagc gcggtagaca anggattata 480
agggcaacct caagttcaac ttntacagcg acgtacatgc agtacaacta gatatgttca 540
ccatagcgag agngtaatt taatgcngng tatgattaga ngggcaatta antnggggga 600
acttggaacc ttacaa
616

```

```

<210> 107
<211> 747
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

```

```

<400> 107
ctcgtttctc ttccgacggn ttcaagcgt tntacnaaa ctgggacgct tacgccgaca 60
agatnclact cagaagccag gctgtctcca acccccclga gatcatnaag cgtntcgggtg 120
ttattggcat gaacacacct gtgcaggtag acatntacgc ccacgccaac tccacctgtg 180
ttagnngaac ccgtatgtct aacggtctcg gnggttcagn cgatttcttc cgtaacgcca 240
agtactacat natgcacact cctccagnc gaccttncaa gaccgacccc cacggtgtct 300
cttgcatgtg ncccatgtgc actcacttg accaaaccga gcacganctc gacgttatcg 360
tcactyagca agnctcgtct gatgttgcgg gtctttcttc cgcgagcgcg cccgcgtcat 420

```


catnaacaag	tgtgcttacc	caagtaccag	cctattctga	cacactacta	cgaaaaggcc	480
gagagcgagg	gtctcaagaa	gggtatgggt	cacgagcctc	accttttggt	caatgctttt	540
gatctccaca	aggctcttgc	tgaggagggg	agcatgctta	aggccaagcc	ttggtaaatt	600
tagtctgggt	ttgtatataa	tgtggatggg	aaactagaaa	tgacaaattt	ttgcgtagcc	660
tttttttggt	tggaaggaa	atattggatt	gtggctacat	agatgttttg	gagataattc	720
cccagcaaat	taagcattga	atctgat				747

<210> 108
 <211> 1039
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1039)
 <223> n = A,T,C or G

<400> 108						
tcttnattaa	ccccaaattc	cataacgata	ccccttggcc	ttaaacaacc	tgccttcagt	60
caaataagaa	gatatggggg	ccaagtctaa	caagtcgctt	tacttcgaca	agctcaaggg	120
cttgctcgag	gagtacagct	ccatcttcat	cgtcgagatc	gacaatgtca	gctctcagca	180
gatgcacgag	atccgacatg	ctctccgaag	caagggtggt	gtcctcatgg	gcaagaacac	240
catggttcgc	cgtgccttga	agaccttcgt	cgccgactcc	cccagtagcg	agcgtctcct	300
tccccacgto	aagggttaacg	tcggtttcgt	cttcaccaac	gaggacctca	aggaggttcg	360
cgatgtcctc	ctcgccaaca	aggtcgctgc	tcttgcccgt	gccggtgctc	tcgcccctgc	420
cgacgtctgg	gtccctgctg	gaaacacccg	tatggagccc	ggaaagacct	ctttcttcca	480
agctctcggt	gtccccacca	agattgcccg	tggtaccatt	gaaatcacca	ctgatctcaa	540
gctcggttag	gcccggctcca	aggtcggtec	tccgaggcca	ccctgctcaa	catgctcaac	600
atctctcctt	cacctacggg	atgggtatat	ctcaggctca	cgaccagggc	cagaccttcc	660
ctcccagcgg	tccctcgacgt	cggtgaggag	cagctcctca	agacctgtc	tggtgctatc	720
actaccattg	ccactatctc	tctggctctg	aacttcccta	ccctgccttc	cgctcttcac	780
tccctcgtea	acagctacaa	gaagggtctc	gctggttccg	ttgtcactga	ggtcacctgg	840
cccagatttg	agcagctcaa	ggaccgcacg	gccaaacctg	atgcttacgc	ctctgctgct	900
cctgctgctg	ccgttcocgg	gatgctactg	ccgctgctga	ggaagagaag	aaggacgagt	960
cagaggaaga	agaagataat	gaaggctcgg	cggtctcttc	cactaaatgt	accacatcct	1020
aacaagttac	antgccttc					1039

<210> 109
 <211> 635
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(635)
 <223> n = A,T,C or G

<400> 109						
caatatttac	ttaaagctcaa	gttaaggtgt	caggccctcaa	acccaacgat	attataaaac	60
aaggcttttc	ctcactcattt	tttgaagccc	aaacatcgct	tgacaaattt	ctaacaagat	120
ggacctcaca	aaaccccaag	cggcgcaaca	gactcgtcaa	agacctgtct	atgatcccag	180
ccaagggtgga	cattacgggtg	cctccgctca	tctcggtcgc	caaggcttcg	cgccaagtga	240
gctgtatact	ggtccctggg	ccaatgccca	tcaaggctca	accggccagt	acaaagacat	300
tctcacgacc	tactggcaac	ataccatctc	acacctcgaa	aatgatagcc	atgattacaa	360
gatccaccaa	ctcccgctgg	cccgctatca	gnaagtcctg	aangccgata	cngaagtraa	420
gatgattttc	gctgaagcgc	ccattctctt	cgctaaagga	tgcgatatct	tcatacacaga	480
ggtgacaatg	aaggcatgga	ttcatgccga	ggaaaacaag	cgcagaactc	ttcagcgctc	540
cgatattgca	tctgcattgg	caaagtctga	catgttcgac	ttcctgatcg	atattgttcc	600
tctggaanaa	gcctcttccc	acgccccaaa	ggcga			635

<210> 110
 <211> 612
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

```
<400> 110
caacacccag tccgccacca ctgaacaaat ttccatttca ctataatact catctccgtc      60
cctcgcccca tegtgtgtgc tggggaaaat cttaaaattt gcttaatcct acatgtttgc      120
tcaattctac gtctgagtgtt gaatcattca tcatgcctgc tccagggtgat caacattcgg      180
tggtagacgaa cctttacgag gaaccacgtc cacgaattgc tgaatgggct gcaaaggaca      240
ttgctacgat agcggcgagc ctgacacaaac aactcgggtcc cgaatacctc tctgacggcg      300
caggccctgg tggtagcgaac gtctactatc tgactgtctga gaaatgtatc accttggcga      360
atgaagtttt cggttttcaac ggatgggtca tcttccattc agaacattca agtcgacttt      420
gccgatgaaa acccccagac acaacgcttc agtgttggtc tgtctgtcat tggcgaatta      480
cattaaggga tggaacgtac catgaggacg ttggctacgg ntncatcgag aacgcaaaag      540
gcaaggcaat ggctttcgag aaggccaaga aggagggcac tactgacgga atgaaacgtg      600
cctaagnaaa ct                                     612
```

<210> 111
 <211> 930
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(930)
 <223> n = A,T,C or G

```
<400> 111
gcgcccaccc ccaatccaat ccattccatat tatccatcca tccatcgctc ctctctgttt      60
tttctgcacc accactccaa ggaccgcccc acgatccaaa ccttttactc tatccctaca      120
aacacaggct tgcagcgcgt aaaccgcaaa catgggtctc gccttttcga agcttttcga      180
cagactgtgg ggggaagaagg agatgcgaat tctgatgggt ggtcttgatg ccgccggtaa      240
aaccaccatc ctttacaagc tcaagcttgg tgagatcgtc accaccattc ccaccatcgg      300
cttcaacgtc gagaccgtcg agtacaagaa cattcaattc accgtgtggg atgtcgggtg      360
tcaggacaag atccgtctct tgtggaggca ctacttccaa aacactcagg gtatcatctt      420
cgtcgtcgac tccaacgata gcgaccgtat tgttgaggcc cgagaggagc tccagcgcac      480
gctcaacgag gacgagctcc gcgatgccat tctccttgtc ttccgccaac agcaagattt      540
gcccacgccc atgaacgcgc ccgagatcac agacaagctt ggccctccac gcctgcgaca      600
acgcgcctgg tacatccagt ctacctgtgc tacctcaggt gacggtctct atganggtct      660
cgagtggctc gccaacaccc tccgaaaggc gggtcaccag tagaaagatt gacgagaagc      720
atctcttgaa gaaaccgccc ttttctctct gctctgccac atcctctcaa atggctcttt      780
gtgtcgactc gaggtttcgg ttgttatttg caaagttatc ggtcaaccaa tcgaaaatga      840
atccttgaaac caaagtcgca tctatcactt ttctattaaa caactgtttc taccttctc      900
ctctctcarg gtgttctctg tgacctctcg                                     930
```

<210> 112
 <211> 652
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(652)
 <223> n = A,T,C or G

```

<400> 112
ggcggaatg aaggcctgcg gcagagtgcg ggcctttctgt tttgaggatt ataatcagag      60
tatattgaaa gtttcgcatg cttttcgtat aattgtttta ggcatagtgc aatcgataag      120
cttggtctgca ggtcgacgga tcgcatgggc agcatcggcc tggaaacacca ccgttccagc      180
gaaaaccagc aggaacccaa gagcctgacc gactgggccc cctatgactg ggaccgcaac      240
gtgatcgccc acgaattcag ccacagctgg gatggcaagt atcgccgctc ggccaagctg      300
tggaagcccc actatcgcca gccgatgcag gacaacctgc tgtgggtcta tgaagggcag      360
acgcagttct ggggcctggg cctggccgca cgctcgggcg tgcagagcaa ggacgtggtc      420
ttgggcagcc tcgccaacta tgccggcacg ttcacccaga ccgccgggcg cgactggcgc      480
tcggtggaag acacgacgat ggatccatct tcgcgcgccg caagcccaag ccctattcct      540
cgcttaccgg taacgaggac tattacaccg aaggcgcgct ggtgtggctg gaagcgggccc      600
aaatnatccg cgatggaacc ggcggcaaga agggctggat tgatttcncc an                    652

```

```

<210> 113
<111> 1210
<112> DNA
<113> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(1210)
<223> n = A,T,C or G

```

```

<400> 113
ggatcaattg gtaaaaaatgt tcgcgcgcctc tcgcatecag cgcggtgctt tctccgccac      60
cgccccgggac ctttccaagg tcaccgttct cgggtgctggg ggtgggtatcg gccagcctct      120
ctctctcctc ctcaagttga acccccgct cactgacctc gccctctacn atatccgtgg      180
cggaccgggt gttgctgctg acatctccca cgtcaacacc aagtccaccg tcaagggcta      240
cgagcccaac gctgctggtc tcaaggaggg cctctccggc gctgaggteg tccctatccc      300
cgctgggtgc ccccgcaagc ccggcatgac cegtgaogat cttttcaaca ccaacgcctc      360
tatcgtccgt gacctcgcca aggcgcgcgc tgaggctgccc cccaaggcca agctcctgat      420
catcttcaac cccgtcaact ccaccgtccc tatcgtcaag gaggtcttca aggctgctgg      480
tgtctacaac cccaagacct tttcgggtgc accaccctcg atgttgctcg tgctccgat      540
tcgtttccga aattaagggc accgacccca aggacgaaaa cattaccgtc gtcgggtggtc      600
actctggtgt caccatcgtc cctctcttct ctcagtccaa ccaccccgac ctctcctcca      660
acgctgagct cgtcaagcgt gtccagttcg gtgggtgatga aagttgtcaa ggccaaggat      720
ggtgctggct ctgccactct ctccatggcc atggctgggtg cccgcgatggc tgacttcgtc      780
ctccgcgcgc tccaggggcg gaaggggtgt aaggagcccg ctttcgctga gtctcctctt      840
ntacaaggac cagggcattg agttcttcan ctctcaggte gagctcggcc ccgaggggtg      900
tganaagatc caccctctcg gcaagctcga cgccaacgag gagaagctcg ttgacgcgcg      960
tctcgtcgac ctcaagaaga acattgagaa gggtggtgccc ttcggtgcct ccaaccctcc      1020
nnaataaatt acttgagctc tcttcagagt aatgggggag tagtanctta aaacactatg      1080
cctcctgggn gaaaaggggg aaatttaaaa cggaanctnt gtcgnggcac aagatgtntt      1140
tctgaggatt gggnaaaaaa acaggggcnt ataagcaatg gatatactat gtttcctccc      1200
cattggctcn                                     1210

```

```

<210> 114
<111> 930
<112> DNA
<113> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(930)
<223> n = A,T,C or G

```

```

<400> 114
ctgagaccaa gatgaagatc gcaaaggccc ttgacgacat tgggtgngaa tacctcgaat      60
tgacgtcacc tgcttccctc cccagctcta aggcgatgc ccaagccatc tgcaagatgg      120

```

gtctcaaggc	aaagatcctg	gtccacatct	gatgcaatat	ggacgacgct	cgctctgccc	180
ttgaaacagg	cgctgatgga	atcaacatgt	gcacgcggac	ttcgggtcag	ctcatgaagc	240
actcccacgg	aaaggacctc	aattggattg	cggaaaaggc	caaggagggtc	atcgagttca	300
cccaagccca	cggcctcgag	gtccgcttct	cgggtgaaga	ctctttccgc	tccgacttta	360
gcgagatcat	caagctgtac	tctctcatgg	accgtctcgg	tgctcaccgc	gtgggaatcg	420
ccgacacgct	tggaggcgcc	tcttggcggtg	agggtctatga	caagggtcttt	acgctgcgcc	480
agggttattgg	atgtgacatt	tgaaactcac	ttccacaacg	acactgggtg	cgccactttc	540
aacgcttaca	ccgcttttga	agctggcgcc	acccacatcg	acactaccgt	cctgggcatt	600
ggtgagcgaa	acggcattac	tccctcggc	aagctgttcc	agtgcattgt	tggctttgga	660
cacgantacg	ttgccaccaa	gtaccgtctc	gacaagcttc	ctgctcttga	gaancttggt	720
gctgaagctg	ttgatattga	gatccctctg	gatactcctg	acctctcggt	gtttctgtga	780
aaacaccttt	ttgggaaaaa	acctgtgata	aggcttatgg	agaagcttga	tcctcccagg	840
aacctttact	ttcaaccanc	tcagttttng	ggacacattt	taccgtanaa	aanatgtgtc	900
tgacagtcac	taccgctcta	agaacccccn				930

<210> 115

<211> 590

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 115

caaaggcata	ggctgctcgg	tcgtcaacat	tggtgcgggt	gacatcattg	aggtcagaga	60
gcattcttct	ctgggtctga	tttggcagat	tattcgacga	ggacttctgg	gcaagatcga	120
tattaagctc	caccttgagc	tttaccgact	gcttgacgag	gacgaaaccc	ttgagcagtt	180
cctcagacta	cctccggagc	aaattctcct	tcgctgggtc	aactaccatc	tgaaagctgc	240
taattgggtc	cgcactgtca	acaactttct	ttcagatgtc	naggatggcg	aaaattatgc	300
ggttctgctt	gccccaaatc	gtcctgaata	tggtcggtacc	cgtgcgcctt	tgcagaanca	360
agaactacat	gacggggccg	aagctgtcct	ccaagaacgg	anaanctcgc	tgccgcaant	420
cttgacccaa	atccttggtg	caggaaatcc	aaacttaact	tggctttcgt	ggcaactcct	480
aacaaccatc	cgtcttgacc	ttttccgagg	aaganaactt	gaatcaagac	tcaatccgag	540
gaaacttagn	ncattttcct	ntgggtcacac	ttgattcacc	gcattttttt		590

<210> 116

<211> 1176

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1176)

<223> n = A,T,C or G

<400> 116

cttcaactcac	ccaaccttca	acattctaaa	ctctacgaat	cccacgactc	agaatttcac	60
agcaatcatg	gagggttcga	ctcagttcga	aaactccaaac	gaggttcggg	tctttttccac	120
cttgaccaac	tcttatgctc	tggttgcaact	tggtgcaggt	gagaacttct	acagtgtctt	180
cgaggccgaa	cttcaagata	ttgtccctac	cgttcgcact	accatcgccg	gtaccctgat	240
cattggccgc	ttgaactgcg	gtaaccgaaa	gggtctttct	gtccctacca	ccacaaccga	300
ccaggagctg	cagcatctgc	gtaattcgtc	acccgattca	gtccgcattc	agcgtattga	360
ggagcctttg	tcaagccctt	ggaaaacgtca	tcgtcacaaa	tqatcatatc	gccttggttc	420
atcctgatct	gggagcgoga	aacagaagag	attattgcgg	atgtgctcgg	cgtgggaagt	480
gttccgacag	actgtgcgcg	acaatgtttc	agttggtagc	tacatgagcc	tttccaacca	540
atggagggtc	cgtgcacccc	aangaccccc	attcaggacc	aggacgaagt	tgtccaagct	600
tgtctccagg	ttctctcttg	tcgcccgtag	tgctatccgt	ggttccaacg	ttgtcgggtc	660
tggaatgggt	gtcaacgatt	ggctcgcctg	tactgggtct	gacaccacnc	gccacccgag	720

ctcagcggtta	tcgaaaagtg	tgttccgtct	tggngaaggg	ccaagggccc	cagcaacatc	780
aacaccagca	tgaaggacac	catggtcgag	tctttctact	aagcttgatc	tgtggattgt	840
tttctgcatg	taaattgatt	gcttggttgc	atgggctttg	ctgctgctac	ctactcttcg	900
ggtatcgatc	aaacgacgtc	attttccgcc	gonaacgaaa	ttttaactta	taccgggcct	960
nggggttggg	aatactgctg	aattttgcgg	atggtttcag	gaattggntn	tatgatgatc	1020
gaacgatagg	attctttttg	ggaaacggga	ccctntaact	agtnctttta	cggaaacnaa	1080
aggacaaggt	tgggtggggg	tganaacctg	gtgggtacaaa	gggccatcca	tttgatccnc	1140
tgggctnttg	ggttggtccaa	ggcncctccc	ntttgt			1176

<210> 117

<211> 957

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1)...(957)

<223> n = A,T,C or G

<400> 117

aaggttacct	gcattgaaaa	gcgtggctcc	ctcgggcggt	cctgcttgaa	cgtcgggttg	60
attccttcaa	agtctcttct	caacaactcg	catctctacc	accagattct	ccacgacacc	120
aagcaccgcg	gtatcgaggt	tggtagcgtt	aaacttaact	tggccaactt	catgaaggcc	180
aaggagactt	ctgtctctgg	tcttaccaa	ggtatcgaat	acctcttcaa	gaagaatgga	240
gttgagtaca	tcaaggggtg	tggttctttt	gtcaacgaac	acgaggtcaa	ggttgacctn	300
aacgagggcg	gtgaaaccag	tgtcgtggta	agaacattct	gattgctact	ggatctgagg	360
gcacaccttt	ccctggtctt	gagatcgacg	agaagcgcg	tattaccagc	acttggtgct	420
attggccttg	aggaggtccc	cgagaccatg	accgtcattg	gtggtggtat	tatcggtctc	480
gagatggctt	ccgtttggtc	gcgactcgga	tccaaggtca	ctattgttga	gttcctcggc	540
caaattgggtg	gccccgggat	ggactctgag	atcgccaaga	acactcagaa	gatactcaag	600
aagcaggggtc	tgcagttcaa	gctcaacacc	aagggtcggtg	gccggtgaca	agtcgggtga	660
caaaggtcaa	gctcgagatt	gacttccgcc	aagggtgcaa	ggccgatcta	tcgagtctga	720
cgttgncctc	gttgccattg	gccgacgacc	ntacacggtt	gcctcggcct	cganaatatn	780
gcctcgagtc	tgacaccgtg	gcggtgtcgt	gacgactccg	ataccgacca	agatccccac	840
atccgatgtg	tggcaactgc	atgttggtct	atgcttgcca	caaggctang	aggaggcctn	900
gctgcgttga	gtnatnaaga	aggatacggc	acgnaacttg	ggcctttctt	nagtatt	957

<210> 118

<211> 1543

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1543)

<223> n = A,T,C or G

<400> 118

gngtcattgc	tcaatqcccc	catatgctct	cgagtactct	cccgcccat	cattcgtctc	60
ttccagtlac	gaggactaca	gcaaccgagg	aatctccttc	gaaccatca	cgcttcgca	120
acaggcggtg	ggtatctctg	ctgaacctgc	gtatatcgcc	aacgaggaga	ccggtctgta	180
ctccgccatc	ccagatcata	tggctagcat	gaaaggactc	aacggcatgg	ttcagcttcc	240
ttcatccaac	ttggttgggc	cccagttctc	tgcctccctat	ggtacaaaaca	acgtctactc	300
tgtgatcgaa	ggttcgccga	catataagcc	aaaaaaaaacg	ctttcatcca	ttcccccatc	360
tatttcggcg	aatcgcgccc	ccccactgac	cttctcacc	cagcaccatc	acatttttgt	420
ccaaccgtct	gattcttgga	acgtccgttt	ccgcttcccg	ttngccccgl	tgtgaggttn	480
aatgaattct	tgcaaacac	tcacctcctg	gcctgtcata	cagcacttct	ggcatatcga	540
atgaaaagcc	aacaccacca	gaacatgtct	tcaacacgaa	actccactgt	ctgctgttga	600
aggaagcccc	gctaccatt	ctatgggtct	gcacaggtat	ttctcccacc	tcgcccagtga	660
ggaatacaac	ggcgacgggt	cattgagcga	gcagcagcga	tctgcacccg	cttctaaccg	720

tgctgtccga	cgggctcgtt	ccgctactgt	tatggaagtt	ggtccttata	cccagaagtc	780
ccactcctgc	cctattccca	cctgtggccg	tctcttcaag	cgtttagagc	acctcaagcg	840
acacgtccga	acacacacac	aggagagacc	ctatgtttgc	cctcactgca	gcaaggcctt	900
ttcaagatcc	gataatttgg	cacaacacaa	gcgaccccat	ggtcgcgaag	acggcgggtga	960
cgggttcatta	cacctgtctg	gtgatgaana	ggaggacttc	tccggtgatg	accatctcgg	1020
ctcattggaa	gangettccc	ctcactctga	cagtgcatac	gtgacgggct	cgctgaatac	1080
tgccgctcat	ggctcgactc	cccttcaag	caatgcaccc	acacaaacct	tcnacagcct	1140
cgaacacntt	agcatgcccc	tgacnataac	caaccggntg	ctatcaacgc	tagcngcatg	1200
atgttacggg	tgaattatgt	ncaacttgct	nttttatattg	cacacagttc	ataactacaa	1260
gggatttatg	gcttcaattt	tggcggcaat	ctgcaacggg	ttttgcgtgc	actctgcttg	1320
actttcctat	gttcatattt	tactacattt	atttttttgg	ntggaagcgc	tcacggnggg	1380
ccaaaatatg	gttttgatag	acccatgctg	nggtagctgg	gacaaagcct	ctgatgaagg	1440
gctgnggtca	tcatgaanac	agcattatgt	tgaggagtna	aaaggatgca	tntatatata	1500
aataggtgcc	gtcttttgat	gattggtaaa	ntatttaaaaa	tat		1543

<210> 119

<211> 563

<212> DNA

<213> Fusarium venenatum

<400> 119

tacaaacgct	atccaatggc	cgacgaatca	aagaaagatg	gtgggtatcac	ctttgcagggc	60
caagacaagc	tgcggaagtt	gcccgatcccc	gagctagaag	ccagttgtaa	gaaatatcta	120
gaagctctta	agccgcttca	aactgctcgc	gaacatgcac	aaacacagta	tgcggtgaaac	180
gagtttctta	agggcgacgg	ccctgagcta	catgagaat	tgaaggcata	tgctgagggg	240
aagacaagtt	acatcgaaac	gttctggtag	gactcttata	tcaactttga	taaccccggt	300
gttcttaate	tgaacccctt	ctttcttttg	gaagatgacc	cgactcctgc	tcgtaacgac	360
caagtcaccc	gcgcgcgttc	tttggtcgtt	tcgtctcttg	aatttgctcg	cgctgtgcgt	420
aaagaagaac	ttgccccaga	caagggtcaaa	ggaaccccc	tttgcatgta	ccaattctcg	480
agactgtttg	gtactgctcg	ggtgcccact	gaggaaggat	gtcaaataca	gcaagatccc	540
gaatcgaago	acattgttgt	tat				563

<210> 120

<211> 856

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(856)

<223> n = A,T,C or G

<400> 120

ttcttaacga	accatcttcc	tccaaatccc	gcctctttcta	ctcttttcage	cttgactgaa	60
ttcttttaag	ctgacatata	gtcgacaatc	cagcaaaactt	ctctccctca	acacataaat	120
acgacttggt	ctcctgtttt	attacatcag	gacgacctct	tctttgcaaa	tcaacgaccg	180
cgataactcg	caacacctat	cttagatacc	cccttctaca	catcaaaaat	ggctcttaag	240
cgtattaaca	aggagttgac	tgatctcggc	cgagatcctc	cctcttctctg	ctccgctggc	300
cctqttqggg	aggatctggt	tcactggcaa	gctacgatta	tgggtccttc	tgactccctt	360
tactccggcg	gtgtcttctt	ctttgcgatt	cacttcccta	cgactatann	cttcaagcct	420
ccccagggtca	acttccaccac	acgcattctac	caccccaaca	tcaactccaa	cgggaagcate	480
tgtttggaca	ttctccgaga	ccagtgaggc	cctgctctga	ccatctccaa	agttcttctg	540
tccatctgct	caatgctaac	ggatccctaac	cctgacgacc	ctntgggtgcc	tgagatcgcc	600
catgtctaca	agactgaccg	accccagatac	gaggccacag	cccagagagt	gactcgaaag	660
tcccatctta	aattgaanata	tggacgaagg	cgggtggacc	ctgagtcgat	ttgtttccct	720
atcatgagcg	acgtgaaaacg	atcgagtggg	aacttccacc	ggcgttgcna	tatggtctta	780
agtcggcggt	acccaaaaag	atgttttttg	cctgtatcga	ngcttttact	gggggttgac	840
aaanaagaaa	ncaacc					856

<210> 121

<211> 746
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 121
 gcnatataac gttggtgacg aggtcgagtt gagecgetccc gctgganagt tcttccctcaa 60
 ccccgccgac gccctcagccg agaagaagcc tcttggtctc ctctcgcccg gtgttgaggc 120
 cactcctctc atttccatcc tcgattccgt tctcnaatcg gagactgcct cgcggcctat 180
 cacatggatc catggagctc gttattccgg ctcgacatgc ttcggtgcctc atgttttgga 240
 ctcggccaan aagcacgaca acatcacccg caagatcttc ctcgaggatg tcaaagaagg 300
 cggaccagtac gacttttaagg gcgagatcga tcttgctcgt ctgcaaacgg acaagcttct 360
 cagcttgac agctctgatg ctgaataact catctgcggt cctgaggact ggatgggtcaa 420
 ggctcagggcg ttcctcgagg agaattggagt tccccgcgag cgtcagcacc tcgagttggt 480
 caagactggt gacgtctaaa atactgtgaa agcgtcatag attgtgtntt tttatcaaat 540
 tgtgaattgg ttttgattgg catattgaag gcgttgggga ctgcttcctg gggaggggtg 600
 attattcgag acgcttgaat tgaccaaaga ctacatatac tagataccag ccactaccct 660
 catctcaaac aaaaataaaa agttatttnc ttctaaaaaa aanaaaaaaa tncctgcggt 720
 cgttcgagca tgcatttnna gggccc 746

<210> 122
 <211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 122
 catgcttgct ctttctttga tgacagtcca cccgaccgag gatcctgaag aggcgttctc 60
 tcgtaccgtt aatacccgaa ttgccggtgg tgggaaggctg gctgcaacag ctgaaccacc 120
 gcgtgtagtg gtagacgtac ganaattccg ttcctcttta ccttcactcc ttcacggtcg 180
 ctccatggtc atagtcccat gtatgtctac gggtggggat tacattctgt caccgaatat 240
 ctgtgtggaa cgtaagtcca tcagtgatct gatctcatcg ttcaaggatg gcaggctcta 300
 cagtcaggcc gagaccatgt tccagtacta caagaatgtg atgcttctga tcgagtttga 360
 ccagaacaag tcttctactt tggagccatt cgtgatcttt tctggaagcc tgagcagtgt 420
 tgcctcaact aacatgtcat ccgaccttca atccaaaacta gtgctactca ccatagcatt 480
 tcccaagttg cgcctcatct ggctctcttc tccctatcag accgccgaga tctttgagac 540
 ctcaagacca agaagaagan cagatccgat cgcgctgtgc aaaactggt 589

<210> 123
 <211> 2338
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(2338)
 <223> n = A,T,C or G

<400> 123
 gaagaatggc cagcagtttt tggagtataa tattattggc ggtgttctcg acttttactt 60
 cgttgctggg ccctcgcttc gtgatgtcgc gaagcagtag gccgagatta ccactctacc 120
 cctcatgacg ccttactggg gtctcggttt tcaccagtgc cgatacggct accgtgatgt 180

ttatgaggtt	gctgctgttg	tagccaacta	ttecgctgnt	ggaatccac	tcgagacgat	240
gtggacagat	attgactaca	tggaacgtcg	acgcattntc	accattgac	cagagcgctt	300
ccctgcagac	aagtacaagg	accttggttg	tacgatccat	gcacgagacc	agaagtacat	360
cgatcatggt	gacccagccc	gtatatgaca	tggaatctaa	tccggccctt	gattcaggcc	420
tcgagtacga	cacttttcag	aaagagcccc	acggctccga	ctaccgaggt	gttgtgtggg	480
ctggacccan	tgtcttccct	gactgggtca	accccaactc	acaaaagtac	tggaacgagc	540
tctttgccaa	tttcttcgat	ggcgaanaac	ggtcctgata	tcgatgggtc	ctggattgat	600
atgaatgagc	ctgcaaactt	cttcaaccgt	ccttaccctg	gcaacaacac	cactcctgag	660
aagttcgcag	anattgatgg	tgatccccc	aagccgcctc	ccgtccgtga	tggtcctcct	720
gctcctatcc	ctggcttccc	cgacagtcta	cagcctgcat	cttctcgtct	taacacgcgt	780
gaatctgttt	ccatcgccaa	aaccaccatc	cacaagcgtc	ccatggcagc	ccgcacaaca	840
tcccacagcc	gtggcggttg	acagtgggct	accaagaagc	actggggaca	gaacaagtac	900
ggccgcccctg	gctccagctg	gccccaatggc	aagaagaccg	gatctggttg	tggcccgaat	960
gagtgcgaagg	gtcttcccaa	tcgagagctc	atccagcctc	cctacatgat	ccagaacggc	1020
gcgggaccca	cgcttgctga	cggcactacc	gataccgata	ttgtgcagag	cggagattac	1080
ctccagttatg	acacacacaa	cttggtacggc	gctcagatgt	caacacattc	gcacaatgcu	1140
atgcgtgctc	gacgtcccca	caagcgcgct	cttggttatca	cgcgtagcac	ctttgctggt	1200
tctggcaagg	atgtctcgca	ttggcttggt	gacaacctct	cgatctggga	tcagtaccgc	1260
tttagcattg	gtcagcttct	ccaatttgca	tccatctacc	aaattcctgt	tgttggtgcc	1320
gatgtctgtg	gtttcggcgg	taacgtcact	gagactctat	gcgctagatg	ggctacgctt	1380
ggaagtttct	acactttctt	ccgtaaccac	aacgagatca	ctgctgcata	acaagaattc	1440
taccgctggc	ccaaggctgc	cgaggcagcc	cgtactggta	tcgccattcg	ttacaagctc	1500
ctcgattaca	tctacactgc	catttacaag	cagaaccaga	caggcaccac	tactctcaac	1560
cctctgttct	tcaactacct	caacgacaag	aacacatact	ccatcgacct	tcagttcttt	1620
tatggtgatg	gcctcctcgt	cagccctggt	acaaaggaga	acagtactga	gttgggaatat	1680
tacctccctg	atgacatttt	ctacgagtgg	tccaccggaa	agcctgttcg	tggtactggt	1740
tcatatgagt	ctgcagaggt	tgagctcact	gatatacatg	ttcattacaa	gggtggcacc	1800
atctaccccc	agcgtgtcga	cagtgccaac	actaccaccg	ctctccgcaa	gaaggggttc	1860
aaccttggtt	ttgcacccgg	tctgaacggg	aaggcttctg	gatctttgta	cctcgacgat	1920
ggagagtctg	tcgtccagga	cgctgtatcc	gagattgact	tcacttacac	caagggcaag	1980
ctgagtatgg	gtggaagctt	tgagtaacga	gccgggtgtc	agattgagac	gatcaccatt	2040
cttgggtgtg	aaaagcagcc	caagggcacc	gatcatgcag	agtatgactc	tgagaacaag	2100
aagctgatct	ttgcggcgga	tgtacctttg	acgaaaaaac	tggtatgtgg	atctcttctg	2160
agaacagagc	gaacaggatg	atgatttttg	tactttgacg	ctgggttcag	actgtattca	2220
aaattcttga	tgtatataat	gagcgggtta	tgaaggttgt	ggttatatga	aagatgttaa	2280
attgatcaac	cactcatgta	tactaatgta	ananatttct	gcgncggtnc	agctgcat	2338

<210> 124

<211> 568

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(568)

<223> n = A,T,C or G

<400> 124

gcacggctga	tctcaangaa	gttcccaaac	aacctgggtc	cctacccccg	aatccactac	60
ctctctcatc	gttacgtctc	tgtcatttct	gccaacaaga	gcgagcaaga	gagcttcaag	120
gttcaggaga	ttaccttcca	gtgctttgag	cccaacaacc	agatgggtcg	ctgtgacccc	180
cgaaacggca	agtacatggc	tgtcgtctct	ctgtaccgtg	gtgatttgtg	tcctcgcgac	240
tgcacgcggc	ccatcgcttc	cctcaaggcc	aaggcctcat	tcaatcttgt	tgagtgggtg	300
cccactgggt	tcaagctcgg	aatcaactac	cagaagccta	tggctgtccc	tgtcctctgt	360
gaagctgggt	gtcttgctcc	cgtaaacgga	tccgtctcca	tgttttccaa	caccaccgac	420
atcgctgaag	cctggctcgg	tcttgactac	aagttcgacc	ttatgcacag	caagcgtgct	480
ttcgtccatt	ggtacgtcng	cgaaggatat	gaagaangan	attcaccgaa	ggccgagaag	540
atctcctctg	tctgganaaa	gattacaa				568

<210> 125

<211> 1700
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1700)
 <223> n = A,T,C or G

<400> 125
 caacgacgcc aacgaaacgt aacgacgact cttttttctct tttacacccat acacaccacc 60
 acttctttttt actaccaatt aataactcact cacattttaat acgtcgtcat catgtggatc 120
 gtcaactggt tctacgatgt gctgtcctcc ctgggcctgc tcaacaagca cgcaaagctg 180
 cttttctctcg gtcttgacaa cgccggaaag actactcttc tccacatgct gaagaacgac 240
 cgtgttgcca ttctccagcc cactcttcac cccacatccg angagcttgc tatttggtaac 300
 gtccgcttca ccactttcga tcttgggggc catcaacagg cccgacgtat ctggcgcgat 360
 tacttccccg aggtcaacgg tgtcgtcttc cttatcgacg ccaaggacca cgagcgattt 420
 ggtgangcta agggcgagct cgacgccttc ctctctatgg aagaactttc caaggttccc 480
 tttgtcatcc tcggcaacaa gatcgaccac ccgatgcctg ctccgaagac gaaatgcgac 540
 accaactcgg gctctaccaa acaaccggta agggcaaggg tcaacttgag ggcacccgac 600
 ctattgagct cttcatgtgc tcantagtta tgcgccaaag gttacgggga cnggtataag 660
 cctggttggg cacagntacg tctaaagggg aaaccngaaa ggggaaacgg ggggtggnet 720
 ggagattata tcttacgcta cgttaacnln cttgggtcgan ngggaaaacg aagacatgtg 780
 actattcatt gttgttgcaa catttcanaa attctctggt nccgtcgcgg cccatgaagt 840
 tcaggatggc ctgcacgcca ccgggtgttc ttcgagccag tccgttcaggt ccaggacgac 900
 acccttgacg acgaccaga cgttgctctn ggtgttgtgc tctggatntc ntccatggtg 960
 tatcctttnt cgggaacctt gaaggccttg ggtcgttggg cttagcagcc ttggcaccat 1020
 cctccttgac ggggttggga ccggcggcaa cgtcgggtgt ttgtcgacct ttgaaggagt 1080
 ccggaagcct gaagaagcgg ccgccaggag accccaggag acagtcacct tggttgggga 1140
 ttgaaggatc gaggtgcaga gagatttgac caacacgttc agcggcgtg ccagcactgc 1200
 ccttaagggc gttctggaag aggtagttac tggcagtgtc accagcaaca cgaccgtaga 1260
 caacacatcc gagaagagaa gaaccaccca gacggttggc accgtggaca ccaccagcca 1320
 actcaccaca ggcgtagaga ccgtogaagg gctgcttgc ctggttgagg acctgggcct 1380
 tgtcgttgat ctcaatacca cccatggtga agtgaggaaac gggctccatg acagcgacgt 1440
 ggaagtcgtc gtcaacgttg acgggcaggt tgtggaagaa cttcttgccc caagggctct 1500
 tctgcttgcc gtccgcaata tcgttgtatg tagagaaggt cttctggagg tgctcggggg 1560
 tgcagccaat ctcttgga agctccttac cagtcattct cttcatgaga ccacggccag 1620
 agtagtggcg agtgtggaaa tcaaggacct tgggaagcct ggagttgaga ataagtcgga 1680
 tagggaactt gtccttcttc 1700

<210> 126
 <211> 819
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 126
 caaggagcaa gtcaagatgc ctccccgcgc ccactccaag acctntcgtg tccccgcgcg 60
 acccttcgag tctgcccagc ttgaactcga gcttaagctc gttggcgagt atggcctgcg 120
 caataagcgt gaggtctggc gagtcggtct gactctgttc aagatccgtc gtgctgcccg 180
 ttagctctct accctcgacg agaaggaccc ctagcgctct ttcgaaggaa atgacctcat 240
 tgaagctctc gtccgtgttg gtgttctcga cgagtcctcc atgaagctgg attacgtctt 300
 ggccctcaag atcgaggatt tcttgagcg tegtctccag acctgtgtct ggaaagctcg 360
 gtctcgccaa gtctatccac caagcccggtg tctgatctc ccagcgtcac atccgagtcg 420
 gaaagcagat cgtcaacgtt ccttntttca tegtccgtct cgactcccag aagcatatcg 480
 acttcgctct tacctcgccc ttccgtggng gcgtcccggt ccgtgtccgc aaaaagaagg 540

ccaagggcgc	cgagggcggt	gaggggtggcg	aggatgagga	ggacnaggag	taaatgcaac	600
taaaaaatgc	aaaagcggnt	ctccctgtct	agggcacttg	gtgatgggat	accactcatg	660
ggaaggggat	tctcttcata	gotttgcggcg	ttggccagag	gataaaaaatg	gaatgatttc	720
accggataac	gacaaacaaa	actttcccgc	tgtctcttca	ctgtgtatat	gaatccccatg	780
aaacatgaat	ccaatcatga	catctcccc	nnaaaaaaa			819

<210> 127
 <211> 925
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(925)
 <223> n = A,T,C or G

cctcaacgac	gtcgacttgt	ctttctcgta	gcgactcac	tttcaccttc	atcacctcca	60
tccctcgaact	cgaccctaata	agaaacccat	cccaagctac	aatatcgag	ccatggccaa	120
cgacgagtat	gatttccctct	tcaaagtcgt	cttgatcgga	gactctggag	tcggaaagtc	180
caaccttctc	agtcgattca	cccgcaacga	gttcaacctc	gactctaagt	cgaccatcgg	240
tgctcagttc	gccactagat	caattcaggt	cgactccaag	acgatcaagg	cccagatttg	300
ggataccgct	ggacaagagc	gataccgcgc	cattacttcc	gcttactatc	gaggtgccgt	360
tggcgctctc	ctcgtctacg	atattagcaa	gcaccagacc	tacgagaacg	tcacacgatg	420
gctcaaggag	ctgcgagatc	atgctgatgc	caacattgtc	atcatgctgg	tcggaaacaa	480
gagcgatttg	cgacacctga	ganccgttcc	caccgaggag	gccaaagtcct	ttgccagcga	540
naaccacctg	tcctttatcg	agacgtccgc	cctcgatgct	agcaacgtcg	aacttgcatt	600
ccagaacatt	ttgactgaaa	tttatcgcat	tgtttctagc	aaggccctcg	acagcggcga	660
tagcgcccan	gccaccatag	gtgcggggcac	caacattttcg	ctcagcaagc	ccgccgatga	720
cgatgcttcc	aaggggtgaa	agtgcgtgta	aattctttgc	ggaaccgttt	gcagactgat	780
atagggctct	gggggttngg	atacctggcg	tctcgtttgt	ccccgaaaat	gctcctcggc	840
aaacgagagt	ggaggaggcg	aggaatcggt	atacgtcttt	ttttgatatc	aggaggcgcg	900
gttacttcgg	ctttcctttg	ttctt				925

<210> 128
 <211> 858
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(858)
 <223> n = A,T,C or G

tgaatcttga	caagaatgag	tcagaaacct	gtgcaagagg	cgccctcatgt	gtcggggccag	60
tccaacactc	ccatgtcagc	acctgctcat	gctctcactt	acgagcaggt	tgctaaagag	120
ttgaacgcca	atcttgaaga	tggacttacg	gatcaagaag	ctaagagtcg	tctcgagagt	180
qctqgacqca	acqaattcgg	agagcaagag	gggtgttcaac	ctctcaagat	ctttatcggc	240
caaatgtcca	atgctctcac	tctagtaact	atctctcgca	tgggtgcttc	tttcggcatt	300
cagtcacgga	tcgaggggtg	tgctcatcgt	gctgctcatc	ttctcaatat	cgctcgtcgg	360
ttctctacagg	agtttcaggc	tgccaagacc	atggactctc	ttcgttggtct	caagctcccc	420
gaactgectca	gctgttagaa	acggcagcaa	tcaagttatt	cccacggccg	agatcgtccc	480
tggtgacatg	gtcgaagctca	agactgggtga	cactatccct	gccgalctcc	gccttgctga	540
ggcgggtcaac	tttgaaaacca	acgagggcatt	actcaatggg	gagtcacctc	cggtccgaaa	600
ggagatnaac	angatcttcg	acaacgacac	tggccctggc	gacccgtctca	acgttgcccta	660
cagtcctcga	ctgtnacaaa	nggtanagct	cgcgggtantg	tcttgcaactg	gtancataca	720
gaaatagtca	aatcgtgtac	tcttcgcgga	aatctccaag	cgcgcgacagc	aaagagaatg	780
ccaagnaagg	caaagctgcc	tcacgtnaag	cttgaencga	caattcnatg	ctgtcgnenc	840
ttctgggggtc	aagttgga					858

<210> 129
 <211> 674
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 129
 tcaaagtctt taaacatgtc tcgtcctcag aacattggta tcaaggccat tgagctttac 60
 ttccctagtc agtatgttga ccaggctcag cttgagaagt tcgatggcgt tagcgccgga 120
 aagtacacca ttggtcttgg ccagaccaag atgagcttct gcgacgatcg cgaggatata 180
 taaacttttcg ctcttaccgc taccctgaag ctctctcaaga actacaacat cgacccccaa 240
 tctgattggtt tctctgaggt tggtaaccgag actctttctcg acaagtcocaa gtctgtcaag 300
 agtgtgtctta tgcagctctt tggcgacaac accaacattg aggggtgttga cactatcaac 360
 gcctgtctacg gtggtaccaaa cgtctgttttc aacgccatca actgggttga gtcttctgct 420
 tgggacgggtc gcgatgctat cgtcgttgcc ggtgatatac ctctctacgc caagggcaat 480
 gctcgcacca ctggtgggtgc cggngccgcg ctctctgatc cggcccaacg cccctattgt 540
 tggcgagccc ggctgcgtgg tacctacatg cagnacgcct acgatttcta caagcccgcac 600
 cttaccaggc gagtacccct acgttgatgg gcactacttc cgtcaactgn tacagnaang 660
 gttctcgatg ccng 674

<210> 130
 <211> 508
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(508)
 <223> n = A,T,C or G

<400> 130
 ccgcttacct ggggtgccaag cttgcctcgt tctacgagcg agccggctcgt gtccagaccc 60
 ttggtttctcc tgagcgcgag ggtagtgtca gtattgtcgg tgccgtcagt ccccttggtg 120
 gtgatttctc cgatcccgtc acgacagcta ctttgggtat tgtgcaggtc ttctggggtc 180
 tcgacaagaa gcttgcctcag cgaaagcatt tcccttccat caacacctng gcctcttaca 240
 gtaagtacaa caacattttg gacaagtact acgagaagaa ctaccctgat ttccccgcac 300
 tccgcgacgc tatcaagcaa ctncctttccg actctgagga gctcgaccag gtcgtgcagc 360
 ttgtcggaaa gagtgtctctg tctgacctg acaagattac tctcgatatt gctggcctga 420
 caangaggat ttctccagc agaacgggta ctcaaactat gaccagttct gnccatctgg 480
 aanactgagt ggatgatgaa ncttatgg 508

<210> 131
 <211> 1012
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1012)
 <223> n = A,T,C or G

<400> 131
 attcaatgga aggtctggga tgatcccgtc catgagcgag accccagcac cgagtcacca 60
 gagctgcagg aatgcttccg ttacctcaac ttgacaagcc gcagttttgc gactgtcatt 120
 caagagttga accacgaact cctcgtcccc atcactctct tctatctctg cctccgtggc 180

ctagacacca	ttgaggatga	catgaccctg	cccctagaga	agaagattcc	ccttcttcga	240
aactttcata	acactatgga	agaggatggt	tggcaattcc	atgagagtca	agagaaggac	300
aaggagctgc	tagagcactt	cgatgtcgtc	atcacagaac	tcaagaagat	caagtcccc	360
taccacaaca	tcatacaagga	gatgactgaa	aagatgggta	acggcatggc	tgactacgcc	420
cgagaacgag	gagatgatca	agaacggtgt	tcaaactatt	gaagagtacg	aattgtactg	480
tcactacggt	gcgggtctcg	tcgggtgagg	tctaacacgc	ctcttcgctg	aatcagagct	540
tgccaacccc	aagctttccg	agcgcccttc	tcttaccgag	tcgatgtccc	agttccctcca	600
gaagacgaac	atcatccgag	atctccgcga	ggactgggca	agacgggtcg	aggtggtacc	660
ccaaggagat	ctggagccag	cacgtgggac	aattggggaa	gaccttttcg	accctcgcta	720
tgaaactaag	gctatcgagt	gtgtgtccca	tatggttctc	gacgcactaa	agcactgcga	780
ggagtgcctg	ttctacatgg	cgggcaccaa	ggaccagaat	gtttttaact	ttgttgccat	840
tcctgaaggc	atggccattg	caacactggg	aactttgttt	ccgccaccct	gatgtcctcc	900
agaagaacat	caagatcaca	aagggcgaag	cctgcaagat	catgttcgaa	tgcacacaga	960
actcttcacc	gtgtgtgang	tettcaagcn	aatatgcccg	ccaagatcgc	ca	1012

<210> 132

<211> 1949

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1949)

<223> n = A,T,C or G

<400> 132

ctagtattcc	cataattatt	tatccttcgt	ccttcctcgt	tccatcctta	agaatttggtg	60
cacccccctt	atattattat	ttattcatct	tcccttctct	tctgtcttag	aagagtaaac	120
aggttgacac	cactcgtttc	agctgtaaaa	ccgacaacct	tgtagaggaa	agctgtgctc	180
cctcgccctt	gcttgcactc	gagaaccatc	agtcaatcaa	tacctcttga	ctctcctttt	240
atattattgc	tacatcactc	gcataattat	ttgtctcttt	acctggcatt	acttacattt	300
tattgctttc	tcttggcgtg	tatccatcac	cgagaccatc	actcgacgtt	atcatctacg	360
acactttcat	ttcccttgtc	ctcaagtctg	tacactctgg	acacgaaaacg	ccgatcaaata	420
tccttcgggt	tacagaaaca	atcatttaata	tatcgccgat	atcgcataaa	caactcaccc	480
gttttattta	atacatcttg	gacatcccat	ctattcgctca	ccttttcagtc	tcaacctttt	540
gggactgaaa	cgaactacct	acaaattggt	tacttgaaac	gcaacgcata	aacattaaga	600
aacatccaaa	cttcattttc	caaactcgaga	ncacgatnct	tcagcttggt	ggttgtcagc	660
atcctancgc	gtttcaactg	ggttcccgtt	ttattgaacc	aaagatctat	atcaatgctt	720
caagtctgag	ccaagccaca	atcagctcng	tcatataact	gagcttgaag	cactttcgat	780
aacttgatca	aaactttcat	tttggaacaa	atattcttaa	cacttggtct	catacacaaac	840
acatcattca	caatgactgg	acaatctaca	agacgatggc	ttcagctatc	tttcccttct	900
atggctggca	ccgcttcage	aggatccctc	aagctatccg	actttgagtc	gataagcgac	960
aagtctttcc	catcaaaactg	tattgcagca	taagatacgc	cactcgcgaga	ctgtaccccc	1020
aacgaactca	ctgggtggcaa	ngcatgcagt	gctgcctgca	aggactcagt	tcaacaaact	1080
cagggcttca	tcattggttc	atgtgggtgac	gtctcagccg	actccgaatc	tcttcttagc	1140
cgcggccaga	aaggcaacct	cgttgctggt	cgtgcgcgag	atgacgatga	accnccaatc	1200
ccagtctgaa	ggctcaatca	gaagcgcaac	cctgaccgac	atcaaccaaa	ctctgagcaa	1260
cgaaactcaa	gcgtccatgc	cagcaatcat	gacaacaggt	ancacgcttg	ataccgtcga	1320
caaggnactc	acgccanccg	taaagggtgt	caaacttgga	cttggtgacg	gagtcgttga	1380
cgttgatggc	gggacaagga	gcttggtgtc	acggagatgc	cggtagaggt	ggtggacacc	1440
ggtggtggtc	tcctcagaga	caccgaagca	gtccttgagc	atctcagggt	acttctgggtg	1500
gacaagggtg	gtcagggtcac	caccgtcgtc	gaggatgagg	ttgagcttct	tggtgtcctt	1560
gaaggcagta	agctgctgct	cgaggcacca	gttgactctc	tcacgggtct	cgccttccca	1620
ggogaagacg	ggaacaccag	cggcggcaat	ggcagcggcg	gcgtgggtcct	gggtggagaa	1680
gatgttgnag	ctgggtccag	taacctcagc	accgagagca	gtaagggtct	cgatgaggac	1740
gggggtctgg	atgggtcatgt	gaaggcaacc	agcgatacgg	gcacgggcga	gaggtcggtc	1800
ggcagcatac	ttggctcggg	tctgcatgag	accgggcata	tcgttctcag	cgagctcgat	1860
ctccttgccg	ccaaaggcgg	caagagaaaag	gtcagcgacc	ttgaacttgt	gggcggggagc	1920
agacataatg	gatgaggtgg	aggagagga				1949

<210> 133
 <211> 579
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

<400> 133
 tgatgttcca agcttcccag ttgggtcttg gatcccagtg gcttgagacc aagaagccta 60
 cgagcatgcc aacgagcttc tcggagatat cgtcaaggtc accccaacct ctaagggtgt 120
 tgggtgatctt gctcaattca tgggtctccaa cgggtctttcc cctgaagatg tcaaggcgaa 180
 ngctttctcaa ctcgatttcc ctagtctcgt tctggagttc ctcgagggtc tgatgggtca 240
 accttacggt ggattccccg agcctcttcg atccgatgct ctctgtggcc gacgcaagct 300
 cgacaagana cctgggtctgt tctcgaaacc tgttgacttc gtgaagacca agcgcgaact 360
 tggcaagaag tacggcgcac cagttactga gtgcgaactt gcttcgtacg tgatgtacct 420
 aaggtctttg aagactacaa gaaatttggt cagcaatacn gtgatctttc cgtgctgccc 480
 actcgatact tctgtctcgt cctcgagatt ggtgaagaat tcaacgttga actccaaaaa 540
 ggcaagggtct tgattctcaa nctcctgccg ttggtctc 579

<210> 134
 <211> 622
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 134
 gttcgatatt acgacttgac taatgttcag ggtaccgctc gtgggttggga ggcgcaagag 60
 cgtattctcc tatgcgtgcc gctccgtgat gctgaagcgc acttgagatg gtttttttcc 120
 cacatgcgca acctgacata cccacaccac ctgattgatc tcgcattcct cgtctccgac 180
 tcaaaggaca acactctcaa ggtcctctcc gatagtttgg aggctattca agccgacggg 240
 gaccctaagc agccttatgg cgagatctct atcattgaga aggactttgg tcagaagggtc 300
 aaccaagatg tcgaaagccg tcacggatcc gccgccaggc tagtcgccga aagctgatgg 360
 cacaggctcg aaactggctt ctgagtgcgg ccctgcgacc ctatcattct tgggtttatt 420
 ggcgcgacgt cgacgtcgag actgcgcctt tcaccatctt agaagatctc atgcgccata 480
 acaaggacgt tatcgttcca aatgtctggc gacccttgcc tgactggctt ggtgggtgaa 540
 aacctatga cctgaaactc tggcaagagt ccgaaaaggg tntagctttt cgcgcacctc 600
 ttgatgaaga agctggcacc gt 622

<210> 135
 <211> 819
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 135
 gcccgctctca agtacaccat cgacgacatg accgtgcctg tcttccgcag taaggttgag 60
 gagctctggy gcaaaaagtt cgagaacgag aagcctttcg agttcaagag caacgtcgat 120
 acctttggct ggcagaagga tgagaacggc cttaaccact tcacctttt catcgagaac 180
 ggccgtatcg aggatacccc tgagttccag atgaagactg gctgcgcgaa attgccaaat 240

ccctcaaggg	cgaagtctga	gtttcgctta	ccggtaccaa	gcattctcatc	ctcagcaacg	300
tcgccgacga	ggacctttcc	gatgtcaagg	gagctcatga	agaagtataa	gctggacaat	360
gttcagttct	ttggttctcg	gtttcagctt	ttctgggttg	gttggttttc	ccacttgtgg	420
tcnttgccat	ggccgagtc	gaagggatac	cttccttggt	cctacatttc	caagcttgga	480
gggttggcct	cgaggagaac	ggtcttcgcc	aggactctat	cgctatgcgt	atgactggtt	540
gccccaacgg	ttgcgctcgt	ccttggttgg	ccgangttgc	tttcgctcgt	aaggcgtacg	600
gtgcttacia	catgtacctg	ggtgggtggc	accaaggcca	gcgcctcaac	aagctatata	660
gccagancat	caaggangac	ganatctcga	catcatgaac	ctctcctcaa	gcgatacctc	720
tcgancgaaa	cgaaggcgaa	cgcttcgggt	acttctgcgt	ccgctctggt	gtcattgttg	780
ccaccaccga	cggccaaact	tcacacaaac	nttgccgaa			819

<210> 136
 <211> 610
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 136						
ggtcttttcag	acgagacaga	catcactgtc	aagggtctag	aggttgtcaa	gaaggcttcc	60
agggttttacc	tcgaagccta	cactagcatt	ctgctgggtg	agcaatccgt	cttggaatcc	120
tactatgggc	gctctatcac	ggtagctgac	cgtgagatgg	tcgaatccaa	cagcgatgag	180
atcctccgaa	acgcgcagaa	cgaggatggt	gcattccttg	tcgttggcga	tcctttcggg	240
gcgacaacac	atacagacct	cgctcctcgt	gcacgagaac	tcgaaattcc	cgctcggaaca	300
gttcccaatg	cctccatcat	gtccgggtatc	ggtgcatgcg	gtcttcagct	ctacaacttc	360
ggtcagaccg	tgtccatggg	tttcttcaca	gacacttgga	agcctgcctc	cttctacgac	420
cgcataaagg	agaaccgnca	gatttggcctt	catacattgg	ntctgggtgga	tatcaagggtc	480
aaggagcaaa	gtctcgagaa	catggctcgt	ggtgcctcgt	tctacgagcc	ccctngctac	540
atgaccgtgg	gccaatgtgc	tcagcaaatg	ttggaaattg	aggagggaacg	caagganggt	600
gtatacacta						610

<210> 137
 <211> 810
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 137						
ctcatcttct	ctcatcatca	tccttcactt	gcctaccaca	ctggttttatg	ctggctacaa	60
ttgnaggcaa	acactgatec	aacaactcac	ttagaaacat	aacataaagt	caacatgggt	120
atcaagaagg	tcttcgcccg	ctcogtctac	gactcccgtg	gaaacccac	cgctcgaggtc	180
gacgtcgtca	ccgagactgg	cctccaccgt	gccatcggtc	cctccggcgc	ctctaccggc	240
cagacacgaq	cttgcgaqct	ccgagatggc	gacaaqtcac	agtggaacgg	caagggtgtc	300
accaaggctg	tcgagaacgt	caacaccgtc	attgtctccg	ctctgattga	gaagaacctc	360
gatgtcaagg	accagtctgc	tggtgatgct	ttctcaacg	agctcgatgg	taccaccaac	420
aagaccaagc	ttggtgccaa	cgccatcctt	ggtgtttctc	tgcccgctgc	caaggccggg	480
gocgtgaaa	anggcgtcct	ctgtacgctc	acgtctccga	tctcgccgga	accaanaagc	540
cctatgtcct	ccccgttccc	ttcatgaacg	tcctcaatgg	tggttcccac	gctggtggcc	600
gcttgnctt	ccaagagttc	atgattgtcc	ccactgaacg	tcctaccttc	actgaggctc	660
tcctccaggg	ngctgaggtc	taccaagctn	ttaagggtct	ggccaaaaan	cgatacnngc	720
aattcttgcg	gcaacgttgg	tgaacnaggg	tggtgttgcc	ccttgatata	caaaactggc	780
cgangaggct	ntttgagctc	atcaaccgat				810

<210> 138
 <211> 886
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(886)
 <223> n = A,T,C or G

```
<400> 138
ctttttcctt ttgaaaaatc ttcgacatcc tactaaccac caggacctcg accaagccgc      60
caagatgggt gccctcaagt acgtcgaaga gcttcagaag aagaagcagt cggatgtcgt      120
tgccttcctc ctccgagttc gctgctggga actccgtcaa ttgaacgtca tccaccgcgc      180
ctctcgtcct tcccgctctgg acaaggctcg ccgtctcgga tacaaggcca agcaggggcta      240
tatttatctac cgcgtccggg tccgcctggg tggccgcaag cgcctgtctc ctaagggtgc      300
cacctacggc aagcccacca accagggtat caaccagctg aagtaccagc gatccctcaa      360
ggctaccgct gaggagcgtg tcggccgcgc ctgcgctaac ctccgagtc tcaactccta      420
ctggatcaac caggactcta cctacaagta ctacgagggt atcctcgtcg accccancca      480
caaggccatc cgcctcgacc cccgcaccaa ctggatcgtc aaccccgctc acaagcaccg      540
cgagtgcgcn ggtcttaccg ccaccggcaa gaaagtcccg tggctcctaac aaggggccacc      600
gntacaacaa gaccaagggt ggccgcacaaa agactggaag cgcacacaaca ctntgtccct      660
gtggcgatac cgataaacgt ctgcgccctt ggctgggaag tttgttttcg caccacggct      720
gtctggttgt actcgcgatt tcgatttggg aggggttggc tttggcactg natgcttgga      780
ctctggggag tcgggaacct tgtttggtag cataaaaaat ggaatcaaaa gtaattccaa      840
gttcatgatt aagatttaga tatacctacg gtttcccggc taaaaa      886
```

<210> 139
 <211> 615
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

```
<400> 139
ggtggacaag gtcaagctga agcaaggnaa ccgtgtggca ctcgacatga cgacacttac      60
catcatgaga atgttgcttc gcgaagttga tcccttggtg tacaacatgt ctctggagga      120
cccgggtcag gtgagctttg ctggaattgg tggattgaac gatcaaattc gagagttgct      180
ggaggttatc gagcttncct tnaagaacct tgagctgttc ctacgagtcg gaatcaagcc      240
gccaaagggt gttctgttgt atggccccc cggaaaccggc aaaactttac tggcacgagc      300
tgttgccagt antctggaga cgaacttctt gaaggctcgt tcttcgcgca ttgtcgacaa      360
agtacatcgg tgaatcggtc cactcattcn tgagatgttt ggatatgcca aggagcacga      420
gccctgtatc atctntatgg acgaaatcga cccatcggtg gacgacgctt ctcanagggt      480
accagtgcgg atcgagaaat tcagaaaaca cttatggagt tgctnaacca gntggatgga      540
tttgactact tgggccanaa caaagatcat tntgggcacc aacccgaccc gacacgttgg      600
accctggact ggttt      615
```

<210> 140
 <211> 624
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

```

<400> 140
ccaccttgct gteaagcaact tctccgttga gggtcagctc gagttccgtg ccatcctctt 60
cgttcccaag cgcgctccct ttgatctctt tgagaccaag aagaccaaga acaacatcaa 120
gctctacgtc cgcgctgtct tcatcaccca cgatgctacc gacctcatcc ctgagtggct 180
cggcttcgtc aaggggtgtt tgaactctga ggatctcccc ctcaacctgt ctcgagagac 240
tctccagcag aacaagatca tgaaggatcat caagaagaac atcgtcaaga agtctcttga 300
gctcttccag gagatcgccg aggacaagga gcagttcgac aagttctaca gcgccttttc 360
caagaacctc aagcttggta tccacgaaga ctcccagaac cgatccatcc ttgccaaagt 420
cctccgattc aactccacca agtctgggga tgagcttacc tccctcaccg actacgtcac 480
tcgcatgccc gaacaccaaa acaacatgtt ctacatcact ggggaatcca tcaacgctgt 540
ttccaagtct ccttctcttg aagctctccc nagaagggtt tgaggtntgt cctcgtgccc 600
catgatgagn cctgactca ctca 624

```

```

<210> 141
<211> 1012
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(1012)
<223> n = A,T,C or G

```

```

<400> 141
cgaccaattg acccccggga gttcaattga acctctctc tccgccagac cctcgggtcca 60
cctcgaacga cctctccgag ccaaactccc tcagttcaca atggcccacg ccactatgct 120
tgccgcagca cagctcgccct cgagctcttt gagcaccaga gctaccagca tcgttggcct 180
cgtccagcag cgaggctatg cgacacctca cggccctccc cccgccaaact tccgaacgag 240
taagcctgtg aagtggacgt gggataatga tagcaccctg gaccgcatgg gaaagttttt 300
cctcatgacc gagatggcga ggggcatgta tgtcctgctt gagcagtact tccgaccacc 360
ttacactatt tactaccctc tcgagaaggg cctatctctt tcccgattcc gtggtgagca 420
cgtctttcga cgataccctc ctggcgaaaga gcgatgtatc gcctgcaagc tctgcgaggg 480
tattttgccc gccagggcca tcaccatcga ggctgaggag cgagctgatg gatcccgccg 540
aaccaccaag tacgatatcg acatgaccaa gtgcatttac tggcggtttc tggcaggagt 600
ctttggccct gtcgacgcca tcgttgagtc gcccaacgcc gagtacgcta ccgagaccgg 660
agaagaactt ctgtacaaca aggagaagct tctttccaac ggagacaagt gggagcccca 720
gctcgcagcc gncatncgcg ccgactngcc ataccgataa actagtcaac tgggaaagcc 780
gtcatgaaaa aagggaaatg gagatgttgg atttgaatgc atagttttta tttgttgttt 840
tcgcttttgt tacctagggg cgtttggaac gtcgctgctg taggaacata actttttttt 900
ggtggtagca aggcggcaaa ggactagagg ggggcgggct ttcggatggg tcgagcggag 960
agggcagatg tacataatct agacgtccaa aaaaatgcccc tttgtcactc at 1012

```

```

<210> 142
<211> 1109
<212> DNA
<213> Fusarium venenatum

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```

<220>
<221> misc_feature
<222> (1)...(1109)
<223> n = A,T,C or G

```

```

<400> 142
ctgaatatga acgcgacaga gcgagttgtc gagtatacan accttgagat ggagtcactc 60
gtgggggaga agccccctgc tgcgtggcct acttngggaa ctatgaagat tgataacctg 120
gaggtctcat atgpatatga tetgcaact gttctcaag gaatctcttt cgaagttaag 180
aacaatgaga gagtcgggtg tgtaggacgc actggcgtg gaaagtcgtc cctgacactt 240
gccttgttcc ggctcttgga ggctcgtctt ggcagcgtta ccattgacgg tctggatata 300
tctaagggtg atctgtatag cttgagatct cgtctcgcca tcatacctca ggacctgta 360
cttttctcgg gcactatcag atcaaacctc gatcctttcg aagataatac agacgacgag 420

```


ctccgcgaat	ctctgactcg	tgtccacctt	gtggattctc	agcccgtac	gcctgcaaat	480
gaaccctcgt	cggcagcaac	atcgacactt	gctgtcaaga	acacaaacat	tttccgagac	540
ctctcaagcc	ccatctctga	atctggagggt	aacctctcgc	aagggtcagcg	tcaacttcta	600
tgcttggtctc	gtgccattgt	agctcgaccc	aagattatgg	tcttggaaga	ggccacctcg	660
gctgtcgata	tgactaccga	tgactcctc	caacgaagta	ttcgtgagga	gttcaactgac	720
agcacattga	tcgtcattgc	acaccgtctg	agttccatcg	ctgactttga	ccgtattctt	780
gttctttccg	atgggtcaagt	cggcgagttt	ggaacaccca	agggagcttt	tgggaacaag	840
aaggcgtggt	cgcgcacatg	tgcatagca	gtggagagaa	ggaaaagtgt	agacagacaa	900
tatttnggtt	gaaaaatnga	aaacagcacg	atntttagggt	gnnggattnaa	aaggtggcgc	960
acaagctgca	attggatnta	tggttnaaat	ggcaaatagca	atgatatttg	gtttacttca	1020
cttnttacag	gcagcttctt	tttanagctt	tccggatgca	cngntttaa	cttttggtt	1080
aaaaaaaacc	naaaatggta	caaaaaggc				1109

<210> 143

<211> 1087

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1087)

<223> n = A,T,C or G

<400> 143

caaagccact	tctttttttc	atctctctac	tttactctac	tctactcttg	gcctcccgtt	60
ccgttcacca	tccaccatct	atctttcctt	caactgaaag	cttctttctca	gctgaatttc	120
gttattttccc	ctttccttta	acaacccttg	aaatctaaat	ccaccaactt	tagtcgccaa	180
acaccgccaa	aatgggtcac	gaagatgctg	tctaccttgc	caagctcgct	gagcaggccg	240
agcgatatga	ggagatgggt	gagaacatga	agattgtcgc	cggtgaggac	cgagatctca	300
ccgtcgagga	gcgaaacctt	ctctccgttg	cctacaagaa	cgtcattggc	gcccgccttg	360
cttccctggcg	catagtcacc	tccatcgagc	agaaggagga	gtccaagggc	aactcttctc	420
aggttaccct	catcaaggag	taccgacaga	agatcgaggc	cgaacttgcc	aagatctgcg	480
aagatatact	cgaggctcct	gaccagcacc	tgattccctc	tgccaagtct	ggcgagtcca	540
aggttttcta	ccacaagatg	aagggtggac	taccaccgtt	acctcgccga	gttcgccatt	600
ggcgaccgnc	gcaaggactc	tgccgacaa	gtccctngan	ggctacaang	gntggcactt	660
ganggttggc	ccaanaactga	gctttcttcc	acccaccccc	aatccggctt	tggtctcgcc	720
cttcaacttt	ttccggtttt	ctactacgaa	gattctcaac	gccccctgac	caagcttggc	780
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ggagagctac	aaaggactcc	acactggatc	atgcaactgg	ttccgtgaca	accttaacct	900
tttggaacct	tttcgaggnc	canaacttcc	cttggtgggn	cacggttgan	gcttcnnaag	960
gaggatgccc	ttggtgcccc	caccnncgag	gatgccnttg	ngggccgnt	ngccttcant	1020
ttanaaggcc	caatttgnc	tantagggag	tgggggtaca	aattnactgg	ccggcgcttt	1080
anaacgg						1087

<210> 144

<211> 702

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 144

caccacaato	ctcttgcg	tcactctccc	aagccatccc	ttcgtcaatc	cagacaagag	50
aacatatccg	tcaagatggc	tccctccaac	ctgccctccg	tcatgaacgc	caccagccag	120
gacatcgaga	cctgctggc	cgtcagtg	cacctcggt	ccaagaacct	ccaggttcac	180
atggagaact	acctctggaa	gaccogtcag	gatgggtgca	acgtcatcaa	cgtcggcaag	240
acctggggaga	agattgtcct	ggctgcccgt	gtcatcgctg	ccattgacaa	ccccgcgcag	300

atctgtgtca	tctctgcccg	tccctacggg	cagcgtgccc	tctcaagtt	cgccgcccac	360
actggtgcta	ccgccattgc	tggtegett	accccggtt	ctttcaccac	ctacatcacc	420
cgatctttca	aggagccccg	tctgatcacc	gtcaccgacc	cccgaaccga	cgcccagggt	480
atcaaggagg	cttcttacgt	caacatcccc	gtcattgccc	tcgcccacac	tgactctccc	540
accgagtacg	tcgatgttgc	catccccacc	aacaacaang	gtcgccacgc	tatcggtgcc	600
gtctggtgga	tgctcgccgt	gaggtcttcg	gcttcgtggt	accatctaca	accgcgagaa	660
ccccggggac	gtcatggcga	tctttacttn	taccgtgacc	cc		702

<210> 145

<211> 988

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(988)

<223> n = A,T,C or G

<400> 145

atatctcccc	caaaatgggt	tctgetacaa	atttccctgc	cgaagtcgtg	ccccaggcac	60
ctgaagaccc	tctctttggt	cttgcaacgag	agtacaaggc	cgacgacagt	cccaacaaga	120
ttgatctttg	tatcggcgca	tacagagatg	agaatgcaaa	gccctgggtg	ttgccagtcg	180
tcaagaaggg	tgatgagatc	ctccgaaacg	acccttgaac	tcaaccacga	gtacccccca	240
atcgcggtt	ttggcagctt	cacatccaag	gctgncgagc	tagtctttgg	ccccgattct	300
tcagccatcc	aaganaagcg	ctnaacgaca	ctacanacaa	tctctggtac	cggtgcccga	360
cacttgggag	ctcttttctt	tgcaagttct	acaagggcaa	ccagactgtc	tacctntcaa	420
atcccacatg	ggcgaaccat	caccagatct	tcaagaatgt	tggcatgtcg	atcgacacat	480
acccttactt	tcacaaggag	acnaaggggc	tggatttcga	gggtttcaag	aagactctgc	540
aatccgntcc	cgagggttcc	gtttcgctct	tnatgcacgc	gcacacaacc	ctactggtgt	600
cgaccctacg	caagatcaat	ggacttgaga	ttgnttntat	tatgaaggag	aagaaccact	660
tccccttctt	cgatactggc	taccaaggat	ttgccttttg	ggatcttgct	aaggatgcct	720
gggctatccg	atactttcgt	cgaccagggc	tttgagcttg	ttggttgctt	agagtttcgc	780
caagaacttc	ggcctctacg	gagagcgcgc	cgggttgctn	cacgcccgtc	catctcctgc	840
tcttggtggt	tcaaacacaa	tcactcgcat	tggtctctca	ttggctatcc	tccagcgatc	900
tgaaatntcc	aacctctctn	tgtacggggc	ccgaatngtc	agcactgttt	tnaacgatcg	960
cnaccttttg	gtgngggggg	ggaaacct				988

<210> 146

<211> 778

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 146

ctttctgttc	tcttatctct	tatcgaaaat	ctacgtcacc	tcttactccc	ccactttccg	60
cgggttctct	tacacccaac	cgccaaaatg	aacactgggt	ttgtcaacag	ccgnttctct	120
tccaagccag	atgaggctgg	cgctggttgc	gtcggtttct	caggcggcca	gccccaaagt	180
ggtgtcgata	ttggccctgc	tgtctctacc	cagtcgggtc	ttctcactga	gatacgcgat	240
gagctcgggt	acaagctctt	tggtagcgag	aaggctccagc	agttcgagga	tctgatcccc	300
gagtcagacc	ctgaacttcg	cggtatgaan	aagccccggc	acgcactctc	ggtgactcgc	360
aagatcgctt	cgcacaccta	tgagcactca	cgcgaggggt	gcattgactct	cacctctggg	420
ggtgaccaca	gcattgcat	tggtactatc	gcccgaactg	ccaaggctac	ccgggagcgt	480
ctgaaccgcg	agatcgctgt	tatctgggtt	gatgcgcacg	ccgacatcaa	cactcctgag	540
agcagtgaca	gtggtaacat	ccatgggtatg	cctgttgctt	tcttgaccgg	tctggccaag	600
gagganaagg	aggagtnttt	tggctggctc	gaggatgata	tgcgtctgag	cgttaaaaag	660
ctgggtgata	ttggtcttcg	atccggccac	attggcgaaa	anaaaatcct	tccgtgaaca	720

ccggcatcaa ggcatccaac atgcacgatg tccacccgcc acggtattgg ccgcgctcg

778

<210> 147
<211> 989
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(989)
<223> n = A,T,C or G

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<400> 147
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attgccttgt tccgttatcc ggtctccctt cgcagctotta gcttagtacc ttggatctgc      120
tctgggtttac tctactacat ctaccagagc accaagagtc gctttgacca tcttcattct      180
cctctcgact agacatcttg gttgctgcgc ttgcgcatct tcttcgactt tataccagct      240
cctctctatt tctcgattat tccgctgcaa caatggccca gcccgcgctg caatcattga      300
agtgtgtggt gactggtgat ggtgctggtt gaaagacttg tctactcatt tcttatacca      360
caaatgcgtt ccccggcgaa tacatcccaa cggctcttga caactactct gctagcggtt      420
tggtcgatgg caagcctatt aagtcttggc ctctgggata ccgctgggtc aggaggatta      480
cgacagactg cgaccccttt cataccctca gaccgatggc tctctcattt gcttctncat      540
cgnacgccct ncatcattcg acaacgtaaa ggcaaagtgg taccctcgag atcgancatc      600
atgcgccccaa canttcccat taattttngt cggaaactaaa ctcgatcttt gagaggatgc      660
atccaccctc gaatctctcc gacagaagcg catggagcct gtatcatacg agcaggcgct      720
gacctgcgcc aaggagatca angcctacaa gtaccttgag tgttctgctt tnaccanag      780
aaaccttaag agtgtttttg acgaagctgt ccggggccgc ctcaacctc gaccncgctt      840
tcgaagcaaa agaanaanaa gtgcnctatc ctgtanatat ctnatgaagt caccgccatg      900
gcacacgcgc gtttgaagat naacaaaanc tcttgacgac cnaaacacng aatattctgg      960
atgccacna gcatggctct gattntaga
```

<210> 148
<211> 832
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(832)
<223> n = A,T,C or G

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<400> 148
caaaaatctc catttgctct cctgtaaagg cagcaccgca ccccaatctc cctctctccc      60
aattgcaccc ggtgcgaatt gctctccttt catctccaaa acctcccgta tacctctaatt      120
atgttccgga acgcccctcg acagtcgacg cgcgcgctcg gcgctgtctc tgccgctggc      180
agggctcgctg ctctccgaaa tgccgcaccc gctccatca acgcccctcg attctacgcc      240
tcgcagccca aggtctctcc caccgaggtc tcttccatcc tcgagcagcg aattcgtggg      300
gtccaggagg agtccaacct cgctgagact ggccgtgtcc ttccgctcgg tgatgggtatc      360
gcccgtgttc acggtatggc caacgtccaa gctgaagagc ttgtcgagtt cgcctccggt      420
gttaaaggaa tctgcatgaa actcgagggc ggccaaagtc gtgttgtgtt gttcggttcc      480
gatcgtctcg tcaagaaggg tgagaacgtc aagcgtaccg gtgagattgt tgatattcct      540
gtcggccctg agatgctcgg ccgtgtcgtc gacgctctcg gtaaccccat tgacggcaag      600
ggtcccatca acaccaagga ggcagccggt gctcagctca aggcctcccg tattctgccc      660
agaaagtcgg tcaacaagcc cgtccaaact ggtctcaagt ccatcaacct catggttcct      720
atcggccctn ggtcagcgtg angttqatc tgggtgaatc gccagaccga ttaaaaaatg      780
cgttgggttc caacaccacc ctttaaccaa aacgatggga acnatingcaa cc      832
```

<210> 149
<211> 644
<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (644)

<223> n = A,T,C or G

<400> 149

cgctcgacct	ccaaacctgc	gtcatggcgt	cccgagact	ggctttgaac	ctctcgcgag	60
gtctgcnaaa	ccgtgctggg	ttttcggecg	ccgttctttt	cacacgaggc	tttgccactc	120
cctctacctg	nggcaagact	cagactacaa	ctcttaagaa	tggattgact	gtcgctaccg	180
agcactcgcc	ctttgcgcaa	acgtcgaccg	tgggtgtctg	gatcgatgcc	ggttcccag	240
ctgagactga	tganaacaac	ggtaccgccc	acttccttga	gcctctcgct	ttcangggta	300
ccgccaagcg	aactcagcag	caattggaat	tggagattga	gaacatgggt	ggtcacctga	360
acgcctacac	ttcgcgcgag	aacaccgtct	acttcgccaa	ggctttcaac	tctgatgttc	420
cccagtgctg	cgacatctct	tccgatattc	tccanaactc	caagctcgag	cagtcggttc	480
tcgagcgtga	ggcggaattt	atcttcggcg	agtcgganga	ggtcaaaaag	cagggttgagg	540
aggtcgtttt	cnatcacctc	accccacttg	ttttncacaa	ccagcccttt	gggccgacna	600
tcttgggcct	tgnaaaaaa	tncgngacat	ccccgaatcg	gctt		644

<210> 150

<211> 2459

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (2459)

<223> n = A,T,C or G

<400> 150

cccgaatctg	catacggcat	tctgaacttg	gatgetaccg	tgcgcgcata	tgtcaacatg	60
acatccactg	gagagagcgt	cgcattgtgt	gaggcagact	tttccaccgg	aaagacagtt	120
gagcaactat	cagtcgaatg	ggcactgccc	atcatcatcg	gaataggact	catatcctca	180
gctctgatct	cgctggcggg	ctatggcaat	gcctctctct	accttgctgc	caacaccctc	240
gctctattca	catacttcca	agccccagct	attataggac	ttacaggaat	caccatgcct	300
cccattgttg	atgcgtggac	tcagaacttc	caatgggtcca	tggggcatta	tccgccttgg	360
ttgggatgca	agatatcttc	acctgggtatc	agcgcgccac	aggcggcaca	cccgctcgca	420
tcttcgatca	tcttgccact	tcttcogttc	aagtcgccaa	gcgatctatc	gagtatatcc	480
ctggtgctgc	agctctgggt	cgccttggtt	ttgccatgtc	caaacgggtcc	aacattgagc	540
ttgagaacgg	ctcattctctg	gtctacggca	tccagcgtgt	ggctttcaga	tcccggatcg	600
agacaacgaa	tcttttctct	actgcgctca	ccttctttat	cgtcttctatc	gtttttgctt	660
gtatcctcgt	tctcatcgcc	aaggtcattc	tcgacctgtg	cgcaaaaacaa	gcttggtatca	720
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aagttgactc	ggctgccttg	gtagtctctg	cgtctctctt	cttctcttgc	gtcacgatca	900
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ctctgtactc	ggactcgccc	atthtgaaca	agtgggggtt	cttgtatatt	ccctatcgag	1020
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ggatgacta	gaatgggctc	ctcagtcacc	ggccttgctg	tatttgttgt	caatgccgca	1320
ttctcttnga	tcttctctct	tatgatcctc	atategagtg	cgttggttgt	ttggaggaa	1380
aatccggatg	cacgatacca	gttcatgggt	qatgatcgan	catcctttat	gaagtcocaa	1440
ncatccagcg	agtttgacac	aatgacgcag	ctggaacctc	ggctgocaca	gcccgtgggg	1500
accaacaaaa	cattcacttc	tttttgaacc	caaccattca	tctacatcat	cccatccgaa	1560
ataccatcaa	cccaagaaca	cttgcatcat	accaactgcca	tcatgcaaat	cttcgtcaag	1620
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cttcacatcg	tcctccgcct	tcgtgggtgg	atgcagatct	tcgtcaagac	cctcacaggc	1860
aagaccatca	cccttgaggt	cgagtcctca	gacactatcg	acaatgtcaa	gtccaagatc	1920
caggacaagg	aaggcattcc	tcctgaccag	cagcgactga	ttttcgctgg	taagcagctt	1980
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ctccgnettc	gtgggtggtat	gcagatcttc	gtcaagacct	cacaggcaag	atcatccctc	2100
tgaggatcaat	ctcagacact	atcgatcaat	gccagccaag	atgctacgcc	cgtctccctc	2160
cccgtgccac	caactgccgc	aagcgcaagt	gtggtcacac	caaccagctc	cgacctaaga	2220
agaagctcaa	ataaacgatt	actccatgga	tatggcgtct	gggatttggc	atttgggggt	2280
cgatggcgag	gacagaggag	agctttcttt	tgttcacacg	aggctgggtg	ttttttaaaa	2340
tagcatgtgc	agctccggca	atacattcta	gatgatgccc	atatgacgat	gtgccgtgcc	2400
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<210> 151

<211> 636

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(636)

<223> n = A,T,C or G

<400> 151

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tacctccccg	ttgcgctcgc	cctccaccag	ctcaacctcg	ctaccccaag	taaccttaag	180
caagctgagg	atatacttat	ccctctcgga	gagtaacttc	agatccagga	cgactacctc	240
gataactttg	gcaagccccg	gcacattggt	aagattggta	ccgatatcaa	ggacaacaaa	300
tgttcttggc	tcgtgaacca	ggctctcgcc	ggtggcacc	ctgagcagca	caagatcctt	360
gaggagaact	accgcgcgna	ggacgatgaa	aaggagaagg	tcatacaana	actctacgac	420
gacttgaagc	ttgagcagct	ctacctcgac	tacgaggaga	angncgttgg	ccatattcgc	480
gagcgcattg	cccacattga	cgaaaagtgg	nggcctcaaa	aanactgtgt	ttgangcctt	540
ctngncaaaa	tntacaagcg	cagcaagnaa	gctgganttt	taatgtatta	aagangacat	600
ganatanacc	ggttgaaggc	aaaagttctt	tgtctn			636

<210> 152

<211> 1686

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1686)

<223> n = A,T,C or G

<400> 152

gaattttttt	ttttttttt	tatgtgatta	aagtcgtatt	ctacgtatcg	atcaaacaaa	60
gaaacaccta	aongtagaat	aagatctttg	aacaaaagaa	accccaacgc	caaaacacaa	120
aaccccttcc	attgcctgat	gcgcacagcg	cttcgttcga	ggcatttcc	ttgcctgctg	180
gagaggagtc	gaatactcca	acatctcgta	atttgtagat	ccgtttatcg	gcggcggtga	240
tatcgagtaa	taggtcagat	tgacgcttag	aaaaggcagt	ccaaacagca	gcagcatgcg	300
agaccageta	gaagaccggg	catgagaccg	ccgcgcgcgc	caccaccgtt	tcttcttgaa	360
tcacggttgg	ggtaatatgc	ttgaggggga	ggctggccgt	agggaccctg	ctgaggagga	420
taqqggccct	ggccaagcgg	aaagggtcct	tgttgcgtgg	tgtagtagec	catctgagga	480
ggagcttggc	gttagtagcc	ttgagggagg	ggcgcgccgc	cctgctggta	cggatcttgc	540
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tcttgccttg	aggccattgt	gatagtagag	taaagcgcta	tgcgacaaca	gataggaggt	660
ggatcttaga	gtcgcgcaaa	agatagatcg	tcaggtaacg	ggaagatccc	nttggtgatn	720
agganacgnt	gtgaaacggn	agcagagatt	ggcacnagng	ggagncgatg	cagagatgtg	780

cccttagatc	ggatgantgg	tagctgttgg	aanggcttct	cgccagcagc	gacaagaaga	840
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gtcttggtga	agtcgataaa	ggtttgagcg	ccgagagaca	tgcacatntt	ctctttctcc	960
tcaccacat	caatggcaat	ggcgtggatg	cccatagcct	tagegtactg	gacagcaatg	1020
gaaccgagac	caccaccagc	accgacaata	gcaagagant	gaccggcctt	gacaccagac	1080
tccttgatac	ccttgtagac	ggtgataccg	gcgcaaagaa	taggggagat	ggcctcgagg	1140
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gaaccatcga	cgggtgtaacc	ggagagaaga	gcctcagcgc	agagagactc	gtcggcgttt	1260
tggcagtaag	agcagcttaa	gcaagagcca	ttgagccact	tgataccgac	cttctcgcca	1320
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ggaatctgct	tgtactcgat	gggaccagcg	gtcttctcga	agatctgagc	ccactgctgg	1560
gaaggaattt	ggggagcggc	cattttgatt	gttgggtggg	ttggttgttg	ggttgaaggg	1620
tatcgaaagg	ttgtcgtgaa	gactgaagag	ttgttgttga	gagtgttggg	gagtgtttg	1680
atgatr						1740

<210> 153

<211> 581

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(581)

<223> n = A,T,C or G

<400> 153

cganatgacc	cgcacatct	ggcaggtcat	caaggacaag	ttcatccacc	cctacctcga	50
catcgacctc	aagtactatg	atctcggtct	tgagtaccgt	gacgagacca	acgatcaggt	120
caccattgat	gctgcccagg	ccatcaagaa	atactctgtc	ggtgtcaagt	gtgctaccat	180
cactcccgat	gaggctcgtg	ttgaggagtt	caagctgaag	aagatgtggc	tttctcccaa	240
cggcaccatc	cgaaatgcc	ttggcggtag	cgtcttccgt	gagcccattg	tcaccccccg	300
tatcccccg	cttgttctctg	gctgggaaga	agcccatcat	cattggccgt	cacgccttcg	360
gtgaccagta	ccgcgccaa	gatgctgtcc	tgcccgggtcc	tggtaagctc	tccatggtct	420
acacccccga	gggtggccag	cccaggagga	ttgagggtctt	ccaattcaag	gaaggagggtg	480
gtgttgccag	actcagtaca	acaccgacaa	gtccatcaact	ggattcgcctc	acgttctctt	540
caactcgcta	atgacaaggg	tctccccctct	ctacatgaag	c		581

<210> 154

<211> 1137

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1137)

<223> n = A,T,C or G

<400> 154

tccactgggtg	agtataccac	tgatcaatct	tatgtaattt	tcacgcgcgt	cgtcttctcg	50
ggagaaacat	cagcaatgct	attccagta	actacgagta	tcacaaaagc	acggacagcg	120
atcaactaca	tattcgagct	tcagcgccaa	aagggtgcttc	acgatgacat	agggaatgag	180
ccragctgtg	agaagaaccc	gaatgggaag	ggcatcgata	tttcttgcca	agagctcgcc	240
tttgcgatc	ctcgtcgacc	taaactgcgc	gtgcttcgaq	qtgtcgacat	cagcatcgaa	300
ccggcaaga	tggtagctct	cgttggggca	tctggatgtg	gcaagtcac	tatgattgca	360
ctacttgagc	ggtttttaaga	tccaaccagt	ggcatgataa	tggcggaaaag	tcaagatata	420
agcacaaaag	ataggcgatt	gcatagacga	gacatcgctc	ttgttcaaca	ggagccgggtt	480
ctgtatcaag	gttcgatccg	agacaacata	tccctcggtg	tcgaagaggg	caacccgcct	540
gacgacgaca	tcacagagcg	ttgcaaacaa	gccaaacgtct	atgattttgt	gtcctctctt	600

cccgaaggcc	tcgccacttc	ttgtggcaac	caaggactct	cgctctcagg	tggccaacgc	660
caacgcatcg	ctattgcccg	cgctcttggt	cgcaaacccc	gtttgttact	tctcgacgaa	720
gccactagt	cccttgacgc	agagagcgaa	aaggtagtca	aggaggcgct	ggatcgagca	780
cgcgagggaa	gggcgacagt	cgttgtcgga	cattgactaa	gcacaatccg	ggaggcgggt	840
tccatctgcg	tgttttctgg	tggggaaatc	gtcagagagan	ggagacacga	agatcttggt	900
tgcgaaaggg	gggttggtatt	atgaaatnng	ttttggggcca	atctctanat	aganaagcat	960
gatgcttnaa	aatgcgtcgg	ggtttgagan	gactaaatct	ttattgggtt	gatcacatgg	1020
gcagcggata	ttcggttggt	ctaagggttg	gggggggtcat	cttttttnat	ctgggtcttg	1080
nctaaaccat	aagtcggggg	atttcgggca	tatatcgana	gaatctggna	aattctt	1137

<210> 155
 <211> 605
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 155						
caggatcg	gatgcccac	tttctgcgt	ctggtcgct	acatcaagaa	cgagcgttgg	60
gacggcgtg	ctttcatcat	gaaggccgga	aaggctctca	atgagcaaaa	gaccgagatc	120
cgaatccagt	tcaaggatgt	cacatcgggt	atctttaagg	acattccccg	aaacgagctt	180
gttatgcgta	tccagcccaa	cgagagtgtt	tacatcaaga	tgaactccaa	gctgctggtc	240
tcagcatgca	aactgtcgtc	accgagcttg	atttgacct	ccgaagacga	ttctccgacc	300
tcaagattcc	cgaggcttac	gagtcgcttg	ttcttgactg	cctcaagggc	gaccagtcga	360
actttgttcg	tgatgatgag	cttgatgcc	gttgggcgca	tttnacacc	actggtcact	420
accttgcgac	accangagat	atcccattgg	agtatccat	ggtctctggc	ctgctgcttg	480
acncttactc	nctatgntcc	aagtcacgcc	tgtgtaccaa	ggcacaccaa	cgtgttggtg	540
ccacagttat	gccctcaaca	tggaccgncc	attngcttta	tcnngctaca	ggacaacact	600
gatgt						605

<210> 156
 <211> 647
 <212> DNA
 <213> *Fusarium venenatum*

<400> 156						
ctcgacccaa	ctggacaact	tatttccatc	ttctcggcgt	cccacgaaga	aaagcaccga	60
ttctcgggtcc	agcaaaaagt	tcctttcttac	ctttcgaaact	cgcttcacgt	tgccaacatg	120
ggcaacacca	ccagcgcagt	cttggacaat	ctcgtccaag	gatccaactt	cgacagagac	180
gaagttagtc	gtctgcgaaa	gcgattcatg	aaactagaca	aggacaactc	cggtacgac	240
gagcgcgatg	aattccttag	tttctctcag	atctcttcca	acctctctgg	aacacgaatg	300
attgccatct	ttgatgaaga	tgggtggtgt	gacgtcgatt	tccaagaggt	cgttacaggt	360
ctttcggcgt	tcaacagcaa	gggaaacaag	gagcagaagc	tccaattcgc	cttcaaggtc	420
tacgacattg	accgcgatgg	atacattagc	aacggagagc	tttttattgg	cctaaagatg	480
atgggtggca	gcaaccttaa	ggccagcagc	tgcagaagat	cgtggacaag	aacatcatgg	540
aggccgatct	cgacaaggat	gggaagaata	gctttgagga	ggtcaccaag	atgggtggaa	600
atagctgggt	agcatgagca	tgatgggtga	ccagttctag	caagctt		647

<210> 157
 <211> 622
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

```

<400> 157
cttcttcttta ttactcttta caatgactgt caacaaacgc acaaagcagt ggtggaagca      60
ggccactatc taccaaactc accctgcac cttctgcgac tccaatggcg atggcatggg      120
agatcttcaa ggcacatcat ccaagttgga ctatatcttc agcttaggtg ttgatgttat      180
ttgggtctgt cctatgtatg actcaccaca agttgacatg ggctatgaca tctctaacta      240
tgaagatgtc tatggtcctc acggtactct ccaagatatg gaagagttaa tccgcaagac      300
tcatgaaaag ggcatgaaga tcatgcttga tcttgttatc aaccatactt ctgacaagca      360
tgcttggttt gaggagtcaa gacttagcaa ggatagcccc aagcgtgatt ggtacatctg      420
gcgacctgcc aagtactcag atgatgggtc acgtctccct ccaaacaact ggcgctccaa      480
ctttggaaag ggcagtgtct gggaatggga tgaggcaaca agggagtatt atcttcatct      540
ctttgctaag gagcaaccgc atctcaactg ggaagaaccc aagagaccan aaagggccat      600
ctatgcntcc tctatnggaa tt                                     622

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<210> 158

<211> 1435

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1435)

<223> n = A,T,C or G

```

<400> 158
catctcccaa gctcaactca agctcaagct cgcattctac gccagcaaat tcgtccattt      60
ctcacaactt cttcacccaa aaacacctct aatcaataac catggctgag atccgccgaa      120
agctcgctcat tgcggcgat ggtgcttggt gtaaaacctg tttgttgatt gttttctcca      180
agggcacttt ccccaggtc tacgtcccaa ccgctcttga gaactatgtc gccgatgtcg      240
aggttgacgg caagcacgtc gagctcgccc tatgggatac tgctggtcag gaagattacg      300
accgtctccg acctctttct tacccegaact cccacgttat cctgatctgc ttcgctgttg      360
actctcccga ctccctcgac aacgtccagg agaagtggat ctctgaggtt ctgcacttct      420
gccagggtct cctatcctc cttgtcggct gcaagaagga tttgcgatac gaccagaaga      480
tcatcgagga gctccgaaag acgagccaga agcccgtttc ccccgaggag ggtgaggaga      540
tccgcaagaa gatctctgct tacaagtacc ttgagtgtc agccaagacc aacgagggtg      600
tccgtgaagt gttcgagcac gctactcgcg ctgctctgct gtcacgcagc acccgtagca      660
agtctcacia gaagtgtctt gtctgtaaag ggcgccatcg aagccctttg aacgcagccg      720
acgcacacat accgtggctt gactctcgct tgtaatcctt tgtcacaagt caacctcaac      780
ttggcccccg cagttcggat gaaacggggc cgtggcggcc aaaaaggcca gggctgtcgg      840
catgcacccg ttttctcgga atctggagtt tgatatcgte tcgctcatgt ctggtccatc      900
ggcctacacg ccgacctttc tcgctggatt gatgggtttc tagtcggtgg aagcccatgg      960
tttcttgac ctctgaatc tcgcaggggg gttgtatta tcgacagata cctcatcttt      1020
tttattatca ccaactggcag gcgagcggga cctttgtttt atgtatgtgc ttgcgcgta      1080
tggggagggt ggccagatgt ctttttttgt tgggggcttt tgaggaggag gaggaggagt      1140
gactctcggt ccttgccttc ctgtctagtc tgtcagtgc ggctgatgga cgaanaatca      1200
ctcgggagat gttacaggag gccagganan actctgtgga ctggttaccg cgaaaaccgt      1260
ttgcgtctgc ttatgtgtgg atatgggact cggctggggg aacccaagtc aagtcaggcc      1320
ataaatcttt tcgttttttc tcttgagacc tcaaaaccgt tccttaaacc atggagatgg      1380
gacatnttnt tgcgtagggg cccgnccggt tnatctcttg attttttttn aaaaa      1435

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<210> 159

<211> 796

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G


```

<400> 159
tgagcggaga taagatggac gtcgaggtcg cggagcagaa gatgaactcc atggagcaca      60
gcgagcagca ctacttcaag agctacgac accatggtat tcacgaggag atgttgaaag      120
atgaggtccg aacacgatcg tatatgaacg ccattatgca gaacaagcac atttttaagg      180
acaaggtcgt tctcgatgtt ggtgtggaa cgcgcattct ctccatgttt gctgctaagg      240
ccggtgctaa gcatgttatt ggtgtcgaca tgtccaccat cttttttaag gcccgtaga      300
tcgtcaagat taacggcctt tctgacaaga tcaactcttct ccagggcaag atggaggagg      360
ttgagctccc cttcccaagg tgcacatcat ctttncgaa tggatgggat cttcctnctt      420
tacgagtcca tgcttgacac cgtcctctac gcccgtaga cttaccttca gaaggatggc      480
ttgatcttcc cgacaaggcc accatcttct tgcgcggtat tgaggatggc gactacaagg      540
aggacaagat tgagttcttg aacgatgtta cnggttcgac tacaccccc ttaaggccct      600
gnttttttgn gaacccctcg tgacacttnt gangtcaagg ttggtgncaa ccganccnt      660
ctgnccctac cctgatcttt acacctgcnc cgcgcgcacc tggntttcca agggcccttt      720
aacttttccg taaccgcagc attnntcccc cctggggggg cggggttgaa nttgacttta      780
ccgctgcccc aagcct                                796

```

<210> 160

<211> 902

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(902)

<223> n = A,T,C or G

```

<400> 160
gttagggacg cttaaactact ttcttctctt tttctctccc cccaaaaatc ttgttctctt      60
gtttctctca tcaacagaaa acagcagcac ccaacctcag ctattattct ctcaataacct      120
gctgcatacc tatagcccg gttctcaata cctaagaatc gacattctct tttaacgtca      180
cctaccatgg ccgaagagaa ggcagtcggc gcgcctgcgc tcgacaccaa catcgagact      240
ggcggtctcg atgagaagcg aggacaagct cccgctaccc acaaccccaa ggctcccgtc      300
gccgaggatg aggagcccga tgaggacatg gacgccctga tcgaggacct cgagtccgag      360
gacggccacg agatcgacga cgaagaggag gccactcccc gnggtggacg tgtcgtccct      420
gaagaccagc tccagactga ctctcgtgtc ggtttaactg aagcagaggt tatcgcacgc      480
anaaagaagt ggggcctcac ccnatgaaag aanaaagana gaacatgatt ctcaagtctc      540
tcatgttctt cgggtggcca attcaatttg tgatggaagc tgccgctgtt ttggctgctg      600
gacttganga ctggatcact ttggcggttat ctgcgctctc ttgcttctta acgcttgtgt      660
tggatttatt caggagtatc aagctggcag tategtggaa ganctgaaga anactcttgc      720
tctcaaggct gttgtctctc gtgacggtac tctcaaggag atcgaagccc ctgangtcgt      780
tcccgtgatg atccttcaag ttgaagaagg tactatcatt cctgctgatg gtcgttctgt      840
caccgaaggc tgcttctgcc aggttgatca tctgccatca ccgganaatc tctcgccgtc      900
na                                902

```

<210> 161

<211> 925

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(925)

<223> n = A,T,C or G

```

<400> 161
cgaactncaat cttgnatnnt gcactctnca tcttctattct tnatnaaacac cacagctcgc      60
aatactcttt gtcgagcctc tctattcaca ttcaaccccg tcgcattctc gatccgattg      120
cccatcatga agagcgtctc tcttaccgct gccgcgcttc tgggctctgc ccaggccggc      180
gttcacaaga tgaagctcaa caaggttcct cttgccgacc agctggctat gaactccgtt      240
gaggaccacc ttcagagcct cggccagaag tacatgggtg ctgctcgccc caagaacgct      300

```

gccgactacg	cttttgctac	caacgtcccc	agcgttgagg	gtggccaccc	cgtccccggt	360
tccaacttca	tgaacgctca	atactttctc	gagattacca	ttggtaactc	tccccagagc	420
ttcaagggtg	tcctcgacac	cggtagctcc	aacctttggg	ttccttccca	agagtgtggc	480
agcatcgctt	gctacctcca	ctccaagtac	gactcatctg	cttcatccac	ctacaanaag	540
aacggcagcg	agttcganat	ccattacggc	tctggcagct	tgtccggttt	cgtctccaac	600
gatgtcgttt	ccattggcga	cctcaagatc	aaggaccagg	actttgnttg	aggctaccaa	660
ggagccccgn	ctggccttcg	ntttcggncg	ctttcgatgg	gacccctcgg	ctcggcacaa	720
ccgaattgcc	gngaacggca	tgggcccccc	cttttaccaa	agggttaaca	aaaactcctg	780
gacgacgcgc	gttttgTTTT	ctaccttgac	ggtaagaggg	ccaaancgag	gctactttcg	840
gggggggtgac	aaggTccaag	aacactgggg	actcgattca	tttctttcnc	cgcaagggtt	900
antgggaggg	cnaccttntg	ctttt				925

<210> 162

<211> 857

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 162

atcctcaaga	agtaagatgg	tcgcttcaag	gacatcttcc	aggaagatct	acgacaccac	60
ctacaagaag	gattttcgagg	ccaagaagat	ctggtagcag	catcgcttca	ttgacgacat	120
ggtcgcccag	atgatcaaga	gtcccggtgg	ttacatcatg	gctcttaaga	actacgatgg	180
tgatgtccag	tccgacattg	tcgcccaggg	cttcggctct	ctcggtctca	tgacctctgt	240
cctcatcacc	cccgatggca	agaccttcga	gtctgaggct	gctcatggca	ccgtcactcg	300
ccactaccgt	gagcaccaga	agggcaatga	gacctccacc	aaccccatgg	cctccatctt	360
tgcttggaac	cgtgggtctta	tccagcgtgg	taagctcgac	gacactcccg	agctcgttgc	420
cttcgcccag	agcctcgagc	aggcctgcac	tgacactgtc	gacatcgacg	gtatcatgac	480
caaggatctt	gcccttgcca	ctggcaagtc	tgagcgcaag	gactatgcca	ccaccaacga	540
gtaccttgat	gctgttgagc	gccgcctcna	gaagaacctc	aaggagaagc	tgtaaaccatc	600
tttacaatgg	attccccaaac	ttcccctaata	cactcaatac	ttccgcttct	ggctctctttt	660
acactgcaag	ancacactct	atcttcaggc	atcggcgctg	aatttgttgt	caccgtctga	720
atgcatctca	ctcccaacaa	accacnagac	ctcacctctt	gtggcttctt	gacatccatc	780
tctcacggaa	aaaaaaaaagg	gttgctenatn	cttcatcacc	ggaacccctg	caaggcccct	840
gccgcaacta	caattat					857

<210> 163

<211> 1049

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1049)

<223> n = A,T,C or G

<400> 163

ggaanaatto	gggcgcgagg	aatttttttt	tttttttttn	gaaggatgaa	atttcttttt	60
catttcagac	cgttaagcca	tenatcacca	tagcctatac	gatctgaagt	gtcctaaccg	120
gccaacctat	gcaatgaaac	acaatggatt	cgtgactccg	cggcaccagt	ttccagcttc	180
ccatcagttc	ataaaacatt	ccgcctctag	tatcgcttgc	cctcgcgcag	agtatcggcg	240
aactcgtcca	ggggacttcg	gatgagcttg	gtctccttcc	agaggttagg	ggtagggaat	300
ccgtaggtgt	tggagacggc	aacgaaaagt	gccttgaggg	tgttctcag	ggctcttggtg	360
gaacgggcag	aggatgtgta	ggcgctcttc	gacaccggcg	agctggagga	atcgcttgac	420
agcgggagag	gcaacgaggg	cagtaccacg	gggagcgggg	atgagacgaa	cggtgacgga	480
accgcacttg	ccgcctctct	tggtagggaaa	agagtggacg	gcaccaaggt	tggtagcccca	540
gtaaccacgt	cggacgggga	tgacgcttga	gcttaacgat	gatgatggcg	gcacgggatgg	600

cggtggcaac	ctccttggag	gtcttgatac	cgagaccgac	gtggccctcg	gagtcaccaa	660
tgatgacaat	ggccttgaat	cggttctcgt	gaccggcacg	ggctctgcttc	tggacgggct	720
tgatcttcat	gacctcatcc	ttgagcttgg	gcagnaagtt	gtcgacgatac	tggtactcct	780
tgatgggcag	agagtgaagg	tagatctcct	ccatgctgtt	gatcttggcg	gccttgacga	840
gacgaccgag	cttgggtgacg	ggctgccact	ccttctcctc	gttcttaccg	cgaccacggc	900
cacggccacg	accgcgtcca	cgtccacggt	caccacctcg	ggaagcgaag	cctccaccgc	960
gagaagttcc	tcggtcagcc	attgtgtctg	attgtgttga	ttgagctggg	gggtgggagg	1020
gagaagttag	gtgctacgca	agagcaaaag				1049

<210> 164

<211> 728

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 164

gcttgcacaa	caaggagcag	ncaagcttct	tttgatatca	tggatgtcac	tacctcagac	50
cgaagccccc	gctcgtctnn	ttgccgcgca	ggcgccttga	cnaatnttga	taagcacgaa	120
tcctgcactt	gtcttttggtg	gaaacagatc	tacccttatt	ggtgctgctg	taaggccact	180
cgtgtccatt	attccaccgc	accgcgctgc	tcagacgcga	gatctcttgc	cctcctttga	240
ggctctgatg	gcgttgacca	atcttgcttc	tatggacgac	gaggagttga	gacgcagcat	300
aatcaacacc	gcgtggacgc	agattgagga	acaaatgcta	gcctccaaca	cacttgtttc	360
aagagctgcc	gttgaacttg	tctgtaacct	tgtgcagacg	cctgaggctg	ttgctctcta	420
tgctgaaaaa	actgccaaag	cccgcaatcg	tcttcatggt	ctcactgctc	tagctgatgc	480
acctgacgcc	ggaacccgta	gcgctgctgg	tggtgcattg	gcgtcactga	ccaactttga	540
angtgtcacc	cgaagcatta	ttagccgaga	ccgcggcgctc	aaattttatc	tggaatgtg	600
tgtggacgan	gaanaagata	tcgcacatcn	aggcgtgttt	gtggtgacaa	acatggtcac	660
agcggaaggt	gaantcngcg	aacttgacacn	ggaaaaggtc	aagaacgaag	gaagctcnaa	720
acctcaag						728

<210> 165

<211> 922

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(922)

<223> n = A,T,C or G

<400> 165

cttgcaccca	acaattcgag	ggacgactaa	ccccagcagc	acaggaaatc	caaattcttcg	50
ccgaccgggt	tgaggatttg	tttgtctagc	cgctcactga	gctgcctttc	tttctttttc	120
tttaattccc	ccagaaaaga	cgtttacgat	gtccagcttc	gagcaagttg	tcgtcatoga	180
tggaaggggc	catctccttg	gcgcactcgc	ctccattgtc	gcgaagcagc	tccttagcgg	240
tcagaagatc	gttatcgctc	gttgtgaggc	ccttaacatc	tcaggagagt	tccttcgcgc	300
taagctcaag	taaccaagcc	acctccgaaa	gatcaccgga	tacaacccca	cccgcggtgg	360
tcctttccac	ttccgcgctc	cttcacagaat	ctttctacaag	gcggtccgtg	gcattgatcc	420
cacaagacgc	cccggtgggc	cgtgtctctc	ganccgctca	aggtcttcga	aggtgtcccc	480
ctccttaaga	caagacaana	agtcgtcgtt	ccccaggctc	tcgcgcttct	ccgaactccag	540
cccgcccgca	agttctgnc	tgtggggcgt	ctgtcccaag	aggtttggctg	ggaattacca	600
ggatttcgtt	gcctgatttg	aggagcgaag	aaaggctaa	ggtgcgcgct	actaagagcg	660
caagaagatt	gctgcgcgca	actggccgat	gccaaaga	acgccactgt	caaggaggag	720
acttcaaaag	ctcttgccaa	cttcggctac	taagctgttc	atatnccctg	acctggaatc	780
ttgcgggcta	gatacagctg	gcaacgctat	catttctatg	cgtttcatta	gatgcgcggg	840
nggtcaaaag	gattacttga	tttntgantg	atggcaaggt	gntngaggat	aaatgtcnat	900

ncccaaanaa tgtttttnaa aa

922

<210> 166
<211> 1247
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(1247)
<223> n = A,T,C or G

<400> 166
ggtttttccc cctttcttctt ttctctttctt cactccaccc aacaatctcc cctcagtcct 60
ttgttgtctg aataaccatc ttcaaatgg ctgctctac cggatccacc aagggtcgacg 120
ctgtgtgtga gaacatcaag gctgagactc ctgagaagaa gtctggcctt ggcctctact 180
cccgattcgc ccttgccggg gctgtctgt gtcccgtcac ccacgggtgg ctcacccccg 240
tcgatgttgt caagaccctg atccagctcg acccgcctac ctacaaccgc ggtctcctcg 300
gtgggtttccg ccagggtctc aagaatgagg gtgctgggtc tctcctcact ggtgtcggcc 360
ctacctttgc cggttacttc ctccagggtg ctctgaagtt cggtggttac gagttcttca 420
agcagcagtg gattgacact ctccgctacg agactgcttc caagaaccga actgctgtct 480
acctggcctc ttccgccact gctgagttct tcgccgatat cgtctctctg cctcttgagg 540
ctaccctgat ccgtctctgc tctgagccca cctacgccag cggctctctg tctggcttcg 600
gcaagattgt caaagaacga aggggtgtcgg tgcctctac gccggtttcg gaccattct 660
cttcaagcag atcccttaca ccatggccaa gttcgtctgt tcgagaaagg tcttttgagt 720
ctgtctttcc gcactttccc caagaaggac ctcttcgacg gtatgcagac tgntgccaac 780
cttggctccg gtctgaatgg cggtttcgcc ggtgncatcg ttttttagcc cggcgacacc 840
atgtctctca agatcaaca agaccaaggg tctccnggt gagggcactg tctctctct 900
cgtcaagatc ggtaaggagc tcggatatcc tggctcttac tctgggtatcg gtgncctct 960
cttcatggtc ggtactctca ctgcaggcca atttgccatt tatggcgact tgaagaaagc 1020
tatgggtgt actggtggtg tngagatcgc tgcttaaacg acctgaatac atttngataa 1080
ttgtggagaa aaagttacta ggtgcaaagg atgaanggt naatagccgt ttncaagntc 1140
ttgatgcact ttccgccatt tcgaaanacc atgatagata atgtcactna agngcaggat 1200
gcttttaana atnctttctt taaccttgta aatcgttcca aaaccgt 1247

<210> 167
<211> 646
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(646)
<223> n = A,T,C or G

<400> 167
gccaagggtc ccttccctaa ccctacgact tatgagccca ttctgcgata ccctctcgag 60
atctgcctc ctgtttcccg tcaattcgtt tctactctcg ctgctttcgc tcccaacgac 120
gotatcaagg ctgagatgaa ccgtctcgtt agcgacaagg actacttcca tganaagacc 180
ggcctcact actadaact cgtctgtttc ctctcagtg tcagcaaggg tgagaaagtgg 240
accacaatto ccttctccgc ctltattgag ggtctcacca agctccagcc ccgttactac 300
tcctctctt cctctctctt ggttcagcct aagaagatct ctatcactgc cgtcgttgag 360
tcctagcaaa tccctggtag ggatgacct ttccgnggtg tcgctacaaa ctactnttt 420
gcccgaagc anaagcagaa cggcgacccc aacccagcac ctctcggnca nacatatgag 480
cttcaaggtc ccgcaacaa gnaagatggt atctatgttc cgttctatgt agtactnca 540
acttnaagct acctcggat cctggcaagc ctgtcattat natngccct ggtactnsgg 600
gtccctcctt ttccgggggt ttctccaaag aacgtgcca agngtg 646

<210> 168
<211> 1486

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1486)
 <223> n = A,T,C or G

```

<400> 168
tgagattcac aaggggtattg gttatgcgcc cgagaagtac ggcgtcggtc tgtggtcgca      60
gaacagagct gagtggcaga tcgctgattt tggcgtgct tctcaatccc tgtattcagt      120
ctcactctac gagactctcg gtcccgacac aacagaatac atcatcaacc atgccgaggt      180
cgccgtgtgt gtctgtctct tcccccatat cccgtgtctt ctcaagatgt cgccctgact      240
tccaggccctg aaactcatcg tgtctctcga tccccttgag caggggtgaac tggctttctca      300
caccaaagcc tctgtctcga atgagattgc ttctcatcat ggaattcaga tcttttccat      360
cgctcagggt gaggagattg gcgccaaagtc tggagtgca cctcaacccc ctacccgaga      420
agatatctgc accatcaact acacctctgy tactactggt aaccccaagg gtgttttgat      480
cactcacgga aacgcggttt ctgctatcgc aggtggccga acgaacggca acgtgagccc      540
caaggatact cacatgtcgt atttgcctct tgcccacatt tatggccgac tcattgatca      600
gattgtctgt gctgaggggt ctgcgattgg tttcttccgg ggtgacatcc tgggcttggt      660
tgacgatatg aagatcctca agcccactgg ttctcatctt gttcctcgac tctttaaccg      720
tttcaattca gccattcgca cagctactat cgaagccgat ggagtccgtg gcgctctttc      780
ccgacgtggt atcgatacca agaaagccaa tatgcgacta ccgccaggaa aggcttccaa      840
caccacactc ttgtacgacc gaatctggac tcccaagggt aaggccgctg tgggcatgga      900
caaggntcac agcatggtca gtggcagcgc ccaacttgat cctgatgttc agcagttcct      960
acgtgcgcgc tttgccaaac actttgcaca aggttttggc atgaccgana catacgtgt      1020
cggtcccatc caggcccgag gtgatttcac tactggaaac atcgccggtc ccatgtgttg      1080
tgtggaactc tgccctcagc ccgttcccga gttcgattac actgtggatg acaagcccaa      1140
ccctcgtggc gaagcttctc ctccgcggtc ctgttatttt ccgtgagtac tacaagaacg      1200
atgaggagac ccgcaagaat ctggatgccc acgngtgggt tccataagcg gtgacatctg      1260
cgaagtggac aagatgggtc gcttcaagat cattgaccgc aanaagaacg tcttcaagct      1320
cgcccagggc gagtacatct cccctgagcg tatcaanaat gtttacatgg gcagcaccag      1380
cctcgtcaac gcggtttttc gtccacggng acggcactca ntccctcgtt gtccgcgatt      1440
ttggcattga tgtggaaaag cttttgcccc attcgctaac aagaat      1486
  
```

<210> 169
 <211> 552
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

```

<400> 169
gtgggtgttt cagctacaag cgtggacgaa acttcaaaag tttgatttta gagacacacc      60
gaacaaaacc tttgccaaag tcaagacct ctttgagggg agtgatatgt atcagcgagc      120
ttccccaact atcctcctac tcaaagaagt tgtagagtat tgtaagcact tgagtgtagg      180
gtcaaaangtc tacatcaatc ctctcaacag tctgaagygag gctttttana cagggggcgt      240
ttttttctcc tgccctctatg acaagaaggt caangatggt tttgctgccc gtggcagata      300
cgatcaattg atcaaggaac atcgacctaa agtlggcagc cagtttggag agcgtcacgc      360
tgttggattc agtttggcgt ggggagcggg tagcaaaaac cccaaaagct ggtggacggt      420
cgttcttgaa gaaggctgaa gatgaatcaa atggctctatt caacgctcga cnatgtgact      480
gttttgttgc cagtttctgat gctgtgtgtc tganatcgtc aggtgttgan atactccaga      540
ctttttgggc gc      552
  
```

<210> 170
 <211> 1522
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1522)

<223> n = A,T,C or G

<400> 170

aaggcgtacg	acacttttga	ggatatcaac	tcagaccctg	aaattgccga	ttctctgcga	60
aacctgtacc	agcaccctga	ctacgtcgaa	ttgtaccccg	gcacgtcgcc	agangaggca	120
aaaacgccta	tggttccagg	tgctcggtatc	gctcccaagt	atacaatctc	ccgagtgggt	180
ctctcagatn	ctgtggctct	tggtcggtgt	gacaggtaact	acactataga	ctaccatcca	240
cgcaacttga	ccaattgggg	cttcaaggaa	gttgattacg	acctcaagat	caacctatggc	300
tgtgtcttct	acaagctctt	cttgccgcga	ttccctcagc	acttcaaggg	caattccgctc	360
tacgctcaet	acccccatgg	tatccccca	ganaacaaga	anattctcac	tgacctgaag	420
cgcgcggatc	gttttgaact	tggtcggtct	gcgcgcacag	caacacgcac	caaccttgtg	480
ggctacaagg	cagccaagta	catccttgaa	gaccaggcca	agtaccgtgt	ctgctgggag	540
gagggcctca	agcaacttat	gggtgagggt	ggtggacgct	ttatgctgtc	tggcgacaca	600
gcgctgcacg	cacagcagcg	caagtgcacg	ggtcgtctgc	tgtacaacga	cacctggcgc	660
aacgcgggta	agtctgtcta	ctcgacaacg	gcgagatgc	ttctgaagga	aaagtcatac	720
aaacttgcag	gtaagacaca	agttgatgtc	gtgcgcgacg	tgggcaacgt	tgacacacac	780
cactttgtcg	cgaggatgtt	caaccttccc	ctcaagacga	agcagaaccc	caagggtgtc	840
ttttcggaac	aggagctgta	catgatcctt	gcagtcactc	ttgtgtgcac	cttcttcgat	900
attgacctg	ccaagtcttt	ccctctgagg	cagggtgcca	gagagggttg	gcagcagttg	960
ggtaagattg	tggagatgaa	cgtcaaaact	gctaccagcg	ttggtatcaa	agggattggt	1020
taccagcaag	cccaacaaga	acgatgatcc	gctcgtctgc	tacggtgaga	acatggccaa	1080
gggtctgaan	aagctgggtc	gagcattgat	gacatcgtgt	ggagccagat	cttgcccact	1140
gctggggcta	tggtgcgcaa	tcaggctcag	gtgtttgccc	aaacctgga	ttggtacctt	1200
ttctctgctg	gtgagaagta	tgcacctgag	cttcactcgt	ttgcgcctct	ggagacagge	1260
aacgagacgg	atgctcttct	gctcggctac	gcgatggaag	tattcgcatg	gctggtacat	1320
ttggactgta	cgcggaacca	caaccgcgga	ttcatccaaa	aaaatnacgt	cgtgaagtct	1380
ctgtcnaggc	tggtgacaaa	tctttgtttc	ctttgtcaca	ctgcccanaa	cccaacatct	1440
tccccaaccc	cgaagaattg	atcctcncct	cctctggacc	ntatatccct	atgctttgce	1500
ccactctgtc	tttgaaaaaa	na				1522

<210> 171

<211> 630

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(630)

<223> n = A,T,C or G

<400> 171

gtcacactcc	cctactccgt	acgtgagggt	atcaacatct	tccttgacgg	tcacatcccc	60
acggaaaaact	tgcgattccg	tgatgagctc	ttgaccttca	naattgcaga	naacgcgcag	120
gaattccaaa	tcqacaaqtc	gcgtgcatte	acctacccca	agatgganaa	gaccttaggc	180
gttttaagg	tcagcatcga	agtggttgac	ttcactgatt	cngagatcat	tgtoatgatg	240
ggtgagaacg	gtactggaaa	gacaaccttc	tgctgtntct	tgcccgccgc	cttgaagccc	300
gacagcaana	agagcgtccc	cgagatgcga	atcagcatga	agccccagac	cattaccccc	360
aagttcgatg	gtactgttcc	ccagctgttc	ttcaanaana	tcaagcagtc	ttntttgtct	420
ccccagttcc	agacccgaagt	tgtcaagccc	ctcaagcttg	acgaactttt	gaccaagaag	480
ttaaaaaact	gtccggnggt	gaattgcaac	gnglttgctat	tggtctttgt	ctcgggnatcc	540
ctgttgatct	ctaccttctc	gaagagccct	ntgnetaccc	tgatcttcag	cagngtttat	600
tgcctcggg	ggttatnaaa	cgatttatna				630

<210> 172

<211> 625

<212> DNA

<213> *Fusarium venenatum*

<400> 172

tgcgacgcca	tctggatgga	gtccaagctg	cccgattacg	ctcaagccca	acagttcggc	60
gaaggtgtcc	acgctgtgtg	gccagagaag	aaactcgcc	acaacccatc	tccatccctc	120
aactggaaaag	cggccatgcc	tctgtacgaa	caggagactt	acatccgacg	cctgctaagc	180
tcggttactg	ctggcagttc	attactcttg	caggcttgca	cacaacagca	ttgatcagtg	240
accagttcgc	aaaggcttac	agcaccgtcg	gtatgcgtgc	atacggtgag	cttgtccaag	300
agcctgagat	ggacccaaaa	gtcgacgttg	tcaaaccacca	aaagtggagt	ggtgctccta	360
cgctcgacgag	ttgcagaaga	tggtcactgg	tggcattagc	ttcacggctg	ctatgggccc	420
cggcgtgact	gaagatcaat	tcaaatagat	gtcaccgcgag	cgagtgatgg	gatgattacg	480
gaggcgagga	aacgagacgc	gatgtctcgt	gggaaaactt	tatggatgtg	ggaaaataaa	540
aagacaagcg	gcgaagcttt	tataatcttt	taagcattta	aatatcatgt	actttctgca	600
aattctgact	tgcattttccg	tcaaaa				625

<210> 173

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 173

ggaaagtact	ctgaagtctt	tgagggtatc	aacgtagtca	actaccagaa	gtgtgttggt	60
aaggtttctga	agcctgtcaa	gaagaagaag	attaagagag	agatcaagat	tcttcagaac	120
ctggcctggcg	gcccbaatgt	tgttgccctg	cttgatgttg	tccgcgactc	gcagagtaag	180
acacggtctc	tgattttcga	gcattgtcaac	aacaccgatt	tccgaagctt	gtaccccaag	240
ttcaatgata	ttgatgtccg	attctacatc	tttgagctcc	tgaaggccct	cgattttctgc	300
cacagcaagg	gaattatgca	tccgatgtt	nagcctcata	accgttatga	ttgatcatga	360
gaaccgaaag	cttcgtctga	ttgattgggg	tctggcnoga	atcttatcac	cctggtagcc	420
gaatacaatg	ttcgtggctg	cctctcgtta	tttcaagggc	cctgagggtg	ttggctcgatt	480
tccaggagtn	ccaatacnag	ccttgatatg	tggagccttg	gagcccatgt	tgccctctga	540
nettttnecca	aaagagcctt	ttttttcaen	ggaancagaa	ctccgant		588

<210> 174

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 174

gacggctttg	ctaacytccg	cgtcgacacc	tggcttgagg	ttatttccca	attgatttgcg	60
cgaatcaaac	aacccgaacaa	gcgcgttcag	caatcggtgc	ataacttggc	tgcgatgtc	120
ggaagagctc	atccacaagc	tttggtgtat	cctcttactg	tccccatgaa	gtcctggcag	180
aacacaagac	gatctcgttc	cgcagctcaa	attatggaca	gcattgcgaca	gcataagccca	240
aacttggctg	ctcaggcaga	cattgtcagc	cacgaactca	ttcgcgtggc	cgtcttctgg	300
catgaacttt	ggcacgaagg	atgggaagaa	gcttcgcgct	tgtactttgg	tgaaacacaa	360
attgaaggca	tggtttgcaac	tctggagcct	ttgcacgagc	ttctttagtg	tggactgan	420
actcttctgtg	agatctcatt	cgcgcaagca	tttggtcgag	accttaagga	agctcaagan	480
tgggtgcggg	aatacnanac	aagtcaagac	tcaatgaact	gaaccaagca	tgggatctct	540
actaccangt	gttccgtaaa	tcacangcag	cttcttcagg	ttactact		588

<210> 175
 <211> 756
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 175
 tectcaattc ttttacttcc tacaaaaacat cgcaatcatg tcgctgtcca acaagctctc 60
 catcgctgac gttgacgtca agggcaagaa ggctctcatc cgagtcgact tcaacgtccc 120
 totcgacgcc gacaagaaca tcaccaacaa ccagcgaatt gtgggtgctc tccccaccat 180
 caagtacgcc ctcgagaatg gcgccaagtc cgtcatcttc atgtctcacc tcggacgccc 240
 caatggctcc cccaaagaga agtaactccct caagcccggt gtgcgcgaga tcgagaagct 300
 cctcagcaag aaqgtcaact ttgccccoga ctgtgtcggt cccgaggtcg aggagatcgt 360
 caacaaggcc gaggatggct ctgtcatcct cctcgagaac ctccgattcc acattgagga 420
 ggagggtctc tccaaggata aggagggcaa caagaccaag gccgacaagg ctccaggttga 480
 ggctttccgt aagggtctga ccgctcttg gacggtttac atcaacgacg ctttcggcac 540
 tgccaccgctg ctcaactctc catggtcggt gtcgacctcc cccaaaaggc ctccggttcc 600
 ctgctcaaga aggagcttga gtactttggc aaggcttttg agaacccccca gcgccccctt 660
 ctgccatcct ggggggngcc aaggtctccc aaaagancca cttaatcaca accttttttg 720
 aaaggtcaac acnnttttat ttgnngggga ttggn 756

<210> 176
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

<400> 176
 ctggaatcac cgcaacgttc gacgatcagc ttgcgagaac atcggcacat tgtctaccgc 60
 aaggcccca tttctctcagc aggtgcttat cgacaccact ccgttgccct cggacattcc 120
 cgctgtcaag gaggtcggtg ccagttctgc gctcttctt tcagcctctt tcttcacgg 180
 cgctcgatgc cgcgactaca gcgatgatta catgcaatgc aagaacgaca accccggccg 240
 aggagagttt gagtgcctga aggaaggctc acgagtcact agatgtgcct ccagcgtcat 300
 caaggacatc aacaccact gtctggccga gttccgcaag cactgggaat gccttgaaga 360
 ccgaaaccac cagctatggc agtgccgcc tgctgagtg aagctcaaca agtgcgttta 420
 cgataacttg aaacttgaga agaagattcc tgaccagccc accaactcga ctcccgttca 480
 cctccgacca aagcagatct ttgccgacgt gcgcacggc cctggtgatg gtaagccctt 540
 tgttcgggg caggaggatg cgcacaatag aatgctggaa tcagttaaag t 591

<210> 177
 <211> 587
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 177
 ctattgccgg ccagattccc ggcttctgct ctcttgctga ccgtaacggt ctcttcaacg 60
 atattatggg cagcatcgaa agaacttgct tccgacactt tcaacatgt tcgctgctgc 120
 cttggcacca gatcaatggc ttggctccta ttcttgggaa agcaagaaac cattgaacca 180
 cttctcccat gttccttcag atgctcaagg acgantttcc cgangttaga cttcatatca 240
 tctcaaagct cgagattgtc aacaaagtta ttggcatcga cctgctctcg cagtcactcc 300
 ttcccgcaat tgtgcaactc gcgaagata agcaatggcg aatgggactt gccattatcg 360
 agtacattcc ctttctggcc agccaaactc gttttcaatt cttcgatgan aantcagca 420


```

<400> 179
cctttctgaaa gtttttacta caagcctttg tttgcgcaac aagattcttc aggcggccag      60
acctcgctcg atgagactgt ctctcgttt ggccctcctg aggaaagtaa cgttggcgaa      120
tcgaaatggg gatttagtggt ttccgggtgcg tccagccgta ggaagcgccg tcatgatggc      180
gccataatct actacagcgg tgcctcggtc tgtacagact tgtctgggga ccccggtgat      240
atgtcaccca ccacacaaat gcgagcggct ggtcaaacc aaacggataa ggatacttct      300
aagggtcccc tgtcgctct cgcgcaaca gactctggat cgtttctcaa ctaccgacca      360
ttgactgacc gcgggattct cccgacccaa gcgactacag ctatggatat cgatagttag      420
gacccgccaa gccttacaga tgataccgat gatgcaagcg aaattgattt ggacttctct      480
tggagcgata accccaata tatgcagcat taccctcttg agccttgggg tttaggcggg      540
gtcctgcctg aagatcactt catggtagtt gctccacgaa aagatcgaaa caagatgaac      600
tgtctcagtt tcaagtggct agtgggaagg ttggtgaagc cagcgatgcc gtctccgtc      660
gcttggaac tatgtcaacc tcgtctccaa tctcaggcgg tctaaaacct tggccacct      720
cgggtcccc cctgtctgag attgaatata tgtcaggctg catcaagcga ctgacaccag      780
tctcgttgcc acctctgag attttcttcc caccatttag tccagcgag tctaccgtag      840
acnacaatga tgatatctc

```

<210> 180

<211> 865

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(865)

<223> n = A,T,C or G

```

<400> 180
cccgaacaact ccaatcaca ggtcgactaa taacagcagc catggcttcc gagaaggcaa      60
acaaccccat gcgggagctg aagattcaga agctcgttct gaacatctcc gtccgagagt      120
ctgggtgacag acctactcga gcggcggaagg tcttagaaca actttctggc caaacccccg      180
tctacagcaa ggcccggttac actgtccgaa ctttcgggtat ccgacgtaac gaaaagattg      240
ctgtttcactg tacggtccga ggccccaagg ctgaggagat tctcgagcgt ggtctcaagg      300
tcaaggagta cgagctccgc aagcgcaact tctccgagac tggcaacttc ggcttcggta      360
tcagcgagca catcgatctc ggtatcaagt acgacccctc catcggtatc tacggcatgg      420
acttctactg ctgcctgacc cgacctggtg agcgcgtcac ccgccgccgc cgaacaaagt      480
ccaagatcgg tgcctctcac cgcctcaagc gcgaggagac cgtcaagtgg ttcaagtctc      540
gcttcgatgg tattgtccga taaacggttg aaaaggaaaa tggttatttg aatttacgga      600
ctgggtcacgg cgaacattag ggggaaaact cacatggggc ttgtattttc tgttgccatt      660
gtgtgcatcag ctcgactctt ttagtcgagc cagggcctga gagaccgacc ggcactctgc      720
gggttttccg atattcactc actctgaatg tgacatctgc catcaatcgt tagatcttg      780
gtactttgtc taaaaaaaaa ctttgctctc cgtgtttacg tctacgtgag acgatataaa      840
catgtccttt gggactttgn tcctc

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<210> 181

<211> 719

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

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<400> 181
tttaacagta agtctcatgt agtatgtct caataagcca catctacttt acatataata      60
cataatccat ctttttatcgt ttctctctctg gccaaagcctc gggaagaccc tcataaatcg      120
tcacattact gaatgtcaca tcgccacttc cactgtggaa gaagcgaata tcagtcaggt      180
cggcatacca ggaacgagcc caggtggcca caccgaatcg gtcgttggcg tgaacctcga      240
ccatagcatt atcaacaaca atagtaagat ccaaggtctc aacctgctct tcgtcatcaa      300

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tgacaacgctc	aaacagacgg	agtcggccag	cttcggttctg	agagtcgata	tcgctggttg	360
tgagggcagc	agcactggtg	ttgttgcggt	caatgatgat	agactcgttg	gagaactggt	420
agtagatagt	cgtggactcc	ttctcagaag	ccaagatttg	gaaaccagcc	ttcaggtcag	480
agtcgcgggc	agacttgggg	aaggagatgg	agctcttaag	aagggtanaac	ttggagtcng	540
ggttggtgtc	aaaaagtggc	gaccttgact	tgctgatgtt	tcgaccagct	tcaataatgg	600
gcttaccttg	gtgaactcgg	ccatgggcta	cgancaataa	cctgctttat	ggngggcgag	660
cttcaggatc	ctggctcgnt	tnttttaacg	cgccatgagc	ccttctngcg	anaaaactt	719

<210> 182

<211> 1045

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1045)

<223> n = A,T,C or G

<400> 182

tgccaattgc	ctacgcgac	aatatgatct	cgagatcgac	ccttgccgga	accgcgcagc	60
aggetgcccg	ccagtcctgc	cgcgccacgc	gacnaacata	cgccgcgcgt	gcttcgaccg	120
gatacatacga	gacctcggat	gcgtctggcc	tcaagattgc	ctcacgggat	gcccacggcc	180
ctactactaa	gctcgcgtgt	gtagctaagg	cggtaactcg	ataccaacct	ctccccggtc	240
tgactgctgg	ccttgccgag	tttgccctca	agaacaccca	gcgacgatct	gctcttcgca	300
tcactcgaga	gtctgagctc	cttggtgggc	aattggcttc	ttcccactcc	agggaggtcg	360
ttattgtcga	ggccaaactc	ctccgcgagc	atctgcctta	cttcactgag	ttgctcgcctg	420
aggtcatttc	catgaactaag	tacactaccc	acgagttcca	cgaggatgtc	gagcgtgttc	480
ttaccataag	cagggcgccct	caacgcgcgac	gtcgcgcgca	ctgntnttga	caacgcgcac	540
gccatcgctt	tccactctgg	ctctgggttc	tccatctctc	ccagcttata	aactccttac	600
cagaagtaca	tgaacgagga	gtacatcgcc	agcttcgcgc	atgcgcctta	cgccaaagtc	660
aatatcgccc	tgcgcgcgga	cggtgcctct	gcgcgatagc	cttcccaagt	ggctgggtcaa	720
ttcttcaaac	atgtgccttc	caacccccga	aacggcgagc	cttnaagacc	gagggcgcca	780
agtcactttg	tggtgagcag	cgaacaaact	ccactgncgg	caactctata	gtcattgnet	840
tcocggtaac	agttacgagt	ctggcaagcc	tgagaaagct	gtcctggctg	ntttcttggg	900
ggcaagcaac	tgncaagtgg	gcttntgggt	taacatgctg	gcacaaggcc	cggtggnaact	960
gongtttaac	gnnaaaaact	caactctctt	atctttgacg	cggtctcttg	cggtcaagtt	1020
aacggctctg	cgcctttgtn	cgcaaa				1045

<210> 183

<211> 508

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(508)

<223> n = A,T,C or G

<400> 183

tgacagagga	gatgggtgctt	actgctctcc	gagtggttcaa	caaggtctatc	ctcaagaccca	60
actactttac	acccacaaaag	gttgccctga	gcttcctgct	tgacccctct	ctcctccctg	120
acgtcgagta	ccccaaagcc	ctttaaggga	tggttcctgt	gacagctctc	gagctctcgag	180
gtttccatct	cggattcaag	gacatctctc	gtgggtggat	ccgaatcgtc	aagctctcgca	240
acaaggaagc	ttacgggcac	aatgcccgat	ctctcttcga	cnanaactac	ggctcttgcca	300
gcactccgga	ggttggaac	aangattctc	ctgagggtgg	ttccaaagggt	gttatctctc	360
tggaacccaag	cagcaaaaac	gtgcttcgga	agctttcgaa	aaantacatc	aatagttatc	420
ttgatctctc	ccgcctcgct	anacactggt	ttatcaaaaa	ccccattggt	caacctttac	480
ggcaaggaag	aaaatctctt	cttggggt				508

<210> 184

<211> 658
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(658)
 <223> n = A,T,C or G

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<400> 184
cgagaaggag tctggcctgg ctctgtgtgt tggttccggg tccgctggta tcgctgagct      60
ggctgtcttc caccctgtcg acaccattgc gaagcgattg atgagcaacc agtcctcgat      120
ctctgggttc agccagttga accaagtcac ctccaaggac caccgctccg ctctatcgg      180
acgaaagttc gttttctctct tccctgggtct gggatacgcc gccggttaca aggtcctcca      240
gctgagctac aagtaaccta ctcaacctgt cgtctgtgat tacctggcca agcactatgg      300
ctctgaccta gagaacgctt ttggnaagaa gactggcaag gotattatgc actccactgc      360
tggaaagtctg attggatbly gtgagatcgt ctctgctctc cgatgtctct aagatcaagc      420
gtcagacaaa ccccgaggct ttcccgcgnc gtcgtgtcct caaaatgggt ccgatgaagg      480
tttcggcttg tccgtggntg gggttggact gncgcgtaa cgcctctggg tcgttcgctc      540
tgtcngnggc tctgccttcg ccaaggatac cttttncacc ttgaggatac aacaaggcca      600
ctgggtncaa aactttgtgc ttccattgct gggccttggc tttnttggcg ncttcccn      658
```

<210> 185
 <211> 1030
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1030)
 <223> n = A,T,C or G

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<400> 185
gtccctctct ccgagcttcg actttccaac ctttctttgt tcttgcctct tattctttgc      60
accatcatca attggcagag acacagcaat catgttcaac cttcgtcgcc tttttgcgtc      120
ggccctgttc cttgggctcg gctcctctt cctcgcccag acggccgagg ctgccaaggg      180
tcccaagatc accacaaagg tctacttoga cattgagcag ggtgacaagc ctctcggccg      240
cgtcgtcatg ggtctctatg gcaagactgt ccccgagacc actgagaact tccgcgctct      300
ggccactggg gagaagggtt tcgggttaag gggctctgct ttccaccgcg tcatcaagaa      360
ctttatgata cagggggggtg acttcaccaaa gggtagcggc actggtggca agtccatcta      420
gggtagcctg ttcaaggatg anaacttcaa gctcaagcac accaagaagg gtcttctctc      480
catggccaat gcgggcgctg acaccaacgg ctctcagttc ttcatcaca ccgttgtcac      540
ctcttgctc gatggcaagc acgtcgtctt cgggtgaagtc ctcgagggct acgagattat      600
cgagaagatt gagaacagca agacccggagc ggccgaccga cccgtcgagg ctgtcaagat      660
cgccaagagc ggcgagcttg atgtccccc tgaaggatatt cactgtgagc tctaaagagg      720
caacattgca cttgtccagt ccgttctcgc caccgttgat aaacttccaa aaaaaaggc      780
aggatttgcg gatgcgtaac cctntgtccc gttaggcctt gccggcacat ctgaagttcc      840
cttgcgtgaaa aagggttgctt tccactggat ggtctcctat tcagaaggct tggcctcttc      900
cctcactctg ctgggtacct ctttgtttgt ctccgcaacc cccqacagca ctctcgatcc      960
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ttccaaactc                                     1030
```

<210> 186
 <211> 765
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(765)

<223> n = A,T,C or G

<400> 186

ntcttcgttc	aancgctggc	ctatcgattg	cggcagcggc	agctacattt	caaaaaacaa	60
ctagaaaacc	agccatcgag	tttgggtgtaa	ggaaaatgca	cagcanggtt	gtcattatcg	120
gttcggggcc	tgctgccccac	acggntgctg	tctacttggc	acgagccgag	ttgaagcccg	180
ttctctatga	gggttttcatg	gccaacggta	tgcgcgctgg	cggtaattg	accaccacca	240
cagaggttga	gaacttcccc	ggtttcccc	agggatcat	gggaggcgag	ttgatggaca	300
acatgcgagc	ccagtcogag	cgtttcggca	cagaaatcat	caccgacacc	gtcgttacc	360
tgcactctc	ttcccgctcc	ttcaagtaca	ctaccgagtt	ctcccccgag	gagacacaca	420
ccgcgcgagac	cgtcactctc	gccaccggtg	cctcagcccg	tgtctcaac	ctccccggtg	480
aggacaagta	ctggcagaac	ggtgtctccg	cctgcgctgt	ctgtgacgga	gccgtcccaa	540
tctttcgcaa	caagcctctt	tttgtcattt	ggtgggtggg	actccgcgc	caggagggcc	600
actttctca	caaagtacgc	cagccacggt	acggtcctcg	tccgtcgga	tgtcctccgt	660
gccagccgaa	ccatggccaa	ccgaattgtc	aaccacccaa	gtgcaactgc	ttgttcaaca	720
gggggtgcca	ctgaaatccg	angtgggtgaa	gagggtgcca	tgaaac		780

<210> 187

<211> 1602

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1602)

<223> n = A,T,C or G

<400> 187

atagtctcgt	ctcaaacaga	gacagatcac	aacttgacat	aaaagagctt	gatcccaaccg	60
ctttctagtc	acaacatcat	catccatcaa	tctcatactt	tcattcaatc	atcatctctt	120
catctctttc	gttgaccatg	aaactttctc	aacttgccac	cctgggtggct	tccatcagcc	180
cattcgccag	cgcagcagac	gcaaacgcct	ggaagtcgcg	aaacatttat	tttgtctca	240
cagatcgtgt	tgcgcgtagc	ggtagtgtata	gcggcggtaa	cgctcgccg	aatctcgga	300
actattgcgg	tggaaccttt	aagggtcttg	aggctaagct	cgactacatc	aagggcatgg	360
gattcgacgc	catctggatc	actcctggtg	ttgagaacac	ggatggcgga	taccacggat	420
attgggceaa	aaatctttac	gaggtcaatg	ccaagtacgg	aaccaaagac	gacctgaaga	480
gtctagtcaa	cactgcccac	agcaagaaca	tgtacgtcat	ggctgacgta	gtagcaaatc	540
acatgggtcc	aggcatccaa	aaccacagac	ccgaacctct	gaaccaacaa	agttcttacc	600
actcttctcg	cgcaatcgac	tacaacaacc	aaaacagtat	cgagcagtg	gagatcgctg	660
gcttgcccga	tctcaacact	ggtagcgcaa	cagtcaagaa	ggttctcaac	gactggatct	720
aatggctcgt	ctccgaatac	agcttcgatg	gtatccgcac	tgacaccgtc	aagcacgtcg	780
aaaagggtct	ctggcctgat	ttccagaagg	ccgctggagt	cttctctatc	ggtgaagtct	840
gggatgggaag	ccctgattac	cilgcagggt	actcaaagg	catgcttggt	ctattgaact	900
acgccatcta	ctaccccatg	aaccgcttct	accagcagaa	gggtgaccca	tccgcagtg	960
ttgatattga	caacagagac	agccaaaagt	ttgacgaacc	aactgtctcg	ggaacattca	1020
tgcacaacca	cgataatcct	cgatgggttaa	gccagaanaa	cgaccaggcc	ctcctcaaga	1080
acgcccttgc	ctacgttatt	ctctctcgtg	gtattcccat	tgtctattat	ggcacccgag	1140
aggggttaacg	tggaggcaat	gaccccqcaa	acpgtgagga	tctctggcgt	agcaacttca	1200
agacagactc	agacttttac	caactatct	cbaaagctcgg	aaaggccgct	ccgctgttgg	1260
tggctctcgca	ggaaaagacc	agaagtctct	baaguccaat	garagtgac	ttatcttggg	1320
cccgctgcgga	tacgcatcta	attgttgtga	ctctgaatcg	aggaaaagga	ttttccggag	1380
agtaactgntt	caacactggc	aagaacaaca	angacttggg	gacagagatg	ctangccaaa	1440
ggaaactgtca	agttctgaagg	taacngccag	ctatgtgtta	agctacaacta	acggngaacc	1500
ccgagggtct	ncgntgcggg	aaactaaatg	ggngngncgag	tttnaaaaga	actagtactg	1560
gttcaagac	cttgggggtg	gattctactt	tattatcttta	tg		1602

<210> 188

<211> 1236

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1236)

<223> n = A,T,C or G

<400> 188

tttttttttt	tttttaggcc	ctttnttttt	tgggggcatc	agattttttgc	attcctttttt	60
ccctatgacc	gtccgtgaca	tgcagtaacc	gcgataatcg	ataaaccagg	catccggccc	120
atccccccacc	gtgtgtatgc	gcgtgcgcta	acgacacggt	cccatagttc	acgccataac	180
aaatcaatcc	acccttttct	ttaacatcat	cgtgatacca	tgcccaagag	agagaaaagtc	240
gggtgctggg	ggcggacaac	ggttgagaag	aggtagctta	gataccgagc	ttggtcttgc	300
gccaatgcct	tgccttaneg	ttgtagcgga	tgggtgttgc	gttcggaggc	gaaccctctt	360
caactttgaa	catctcatcc	cgcactacta	acgccagtc	cggaaaccga	ctgtacagca	420
aaaatgtctg	acaacggcga	gacgagggtc	gagaactccg	ccctctacga	gggtgcttct	480
ahggatgltg	tttagggagg	tggcaatgtc	aagctcttca	acaaagtggga	ctacgatgtt	540
gaggtcccg	atatctccct	gaatgactac	atttccctgc	gaaaccccg	ctacgtcacc	600
cacacgcgtg	gcgatatgc	caccaagcga	ttccgcaagg	ccaactgcc	tatcattgag	660
cgattgacca	actctctgat	gcaccacggc	cgcaacaacg	gaaagaagct	catggctgtc	720
cgaattgtcg	ccacgccttc	gagatcatcc	acctcatgac	cgaccagaac	cccatccagg	780
tgcgtgtcga	cgccatcgtc	aactgcgggtc	cccgtaaga	ctctaccoga	attgggttccg	840
ccggtaccgt	cgcacgacaa	gccgttgatg	tctctctct	ccgccagagtc	aaccaggcca	900
tctctctct	caccactgg	gcccgcgagg	cctttttccg	caatgtcaag	tccattgtg	960
agtgccttgn	ttgaggagct	tatcaacggt	gntaagggtt	ctagcaactc	ttacgtatc	1020
aagaagaagg	atgagttgga	gcgtgtggcc	aagagcaacc	gataaaaagg	gcaaagggtg	1080
atcacgtctg	gaagggttgg	ctttggcgtg	ttccggctta	tttcagaatt	gcatttttgcg	1140
ttcatcggt	ctgggaacgc	ggctatggat	tttcttaggt	ggctacagat	tcaataaaaa	1200
agtcgggctc	cctgagagtt	aaatgaaatg	aactcc			1236

<210> 189

<211> 818

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 189

ggagttcgag	ggcaagaagc	ttgtcgacat	caccaaggac	tttgagctcg	aggagaccga	60
ggaggagaag	aaggcccgtg	aggaggagga	gaaggagtac	gagaaccttg	ccaagtctct	120
caagaacgtc	ctcggcgaca	aggtcgagaa	ggttgtcgtc	tctcacaagg	tgggtctctc	180
tccttgccgt	atccgaactg	gtcagttcgg	ttgggtccgc	aacatggagc	gtatcatgaa	240
ggctcaggcc	ctccgtgaca	cctccatgtc	cagctatgat	tctccaaga	agacttttga	300
gatctctccc	aagtctgcta	tcttccagga	gctcaagaag	aaggttgaga	acgacngtga	360
gaatgaccgc	actgtcnagt	ccatcggtca	gctcctcttc	gagacctctc	tccttgtctc	420
tggcttcacc	attgaagagc	ctgctgggtt	cgccgaaccg	atccacaagc	ttgtccagct	480
cgccctcaac	attgaggagg	atgactccgc	tcctgtgat	gotgatgcta	ccgacgcctt	540
gtcgtgccc	cgcggggtga	cagcgcctatg	gaggangtgc	actaaaagat	caatgcattc	600
taaacgggat	accataaaaa	gtcaacggan	ttgaagggtt	tgggttttta	tnancaacaa	660
ggtctttgtt	tctgggtttr	tatggggaat	tyncggattt	gaacagcccg	ccttatcttg	720
ccataatctt	cagttctaga	antaggacca	gggtgaactt	aagttaggtt	tatgatcagc	780
agagagatga	agtagatgcg	aaaatggaaa	tggtatan			818

<210> 190

<211> 663

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(663)

<223> n = A,T,C or G

<400> 190

ttegtctctcc	gaccagcgaa	ttgcaatcaa	cacaacaccg	cgacaatggc	tgacgaatac	60
gacgccgagc	atgctgccga	gtcgaagaga	aagagagcgt	tccgaaagtt	ctcctaccga	120
ggaatcgacc	ttgaccagct	cctcgacctc	tcctccgacc	agcttcgcga	tggtgtccac	180
gctcgtgccc	gccgcaggat	caaccgtggt	ctgaagcgcc	gccccatggg	tctcatnaag	240
aagcttcgca	nggccaagca	ggaggctcag	cctaaccgaga	agcccgatct	cgtcaagacc	300
cacctccgag	acatgattgt	cgcccccgag	atgatcggtg	gcgtcatcgg	catctactcc	360
ggcaaggagt	tcaaccaggt	cgagatcaag	cctgagatgg	gtgggtcacta	cctgggtgag	420
ttctctatct	catacaagcc	cgtaagcac	ggtagacccg	gtatcggtgc	cacgcactct	480
tctcgtttca	ttccctctca	gtaanaagtt	tgccggtctg	ggtggtttct	gcattcaagg	540
actttttggg	cgcccaaggac	tggtctctgt	agatggactc	ttacacacac	tatcaaaatt	600
atgatgaca	atgggttcca	tgatagtaca	ataaaggaca	ttggccgctc	gatgaattcc	663
ttc						

<210> 191

<211> 581

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(581)

<223> n = A,T,C or G

<400> 191

aggtatagca	ctcaactggt	ggactttctg	gtgttgagtg	gtctgcttgg	cccaaggaag	60
atctcagctt	cgcgcaggct	ttcgtcgccg	tcagcaacat	cattttttgcc	ttcagtttcg	120
cgatcgggtc	attctccttc	atggacgaga	tgacaccccc	tactgattac	atgaagtcca	180
tctatgcctc	atgctttatc	caaattctct	tctacacctc	gaccggagcc	ctttgtctacg	240
cttttattgg	acctgctgtg	cagtcgcctg	ctctgtttgc	cgctgggcca	cttattttcca	300
agatcgcctt	tggtgtcgct	ttgcctgtta	tcttcacttc	cggttcgatc	aactcgactg	360
ttgcctctcg	atatcttcat	ggccgtatgt	tcaaggactc	gattcttcga	tacgtcaata	420
cccccatggg	ttgggtcagc	tggatcactc	ttgtcaccat	tttcactatc	gtcgcattgg	480
tcattgctga	agccattccc	atctttctctg	acttgccttc	tcttgccctg	gctctntttg	540
ngtctggggt	cttctttctg	atccccagggt	gtcatgtggt	t		581

<210> 192

<211> 696

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(696)

<223> n = A,T,C or G

<400> 192

tttttttatg	ttcaatgggt	ggactccaat	ttgtggatac	taaatacaat	gataaaacaa	60
catatgatat	cattaaaaac	atggncggga	aagaaaacct	tcgttataca	acgcacataa	120
ttatgaatcg	attgaattga	ctcctcatat	cttttttttg	tatcttttgc	agttctgggt	180
gggttcata	gcttcaaaag	agggtataga	ggccagcttc	gagtaattct	cgttgtataa	240
aagcgatgta	aggaagtcat	catagtcttc	ggcagtaacc	tgacgggaga	agtattgagc	300
agcgagggtg	ttcttggttc	cttttagggg	agaggcagca	agctgatcgg	cagttctctt	360
gaggagcttc	aaagcatagg	acttgctaac	acgcttgccg	tcagcggtgc	tgacgccatg	420
cttaaccacc	tgccagagct	gactgcgaga	gacttcggct	gtggcagcat	cctccataag	480

gtagttgatg	ggaacacatc	ccactcctcg	gatccaggcc	tccatgtagc	cgagaccaat	540
gttgaggttc	ttcttgatac	cctctctctg	gatgggtgca	gggacgttca	tgttgagcaa	600
gtcgttctcg	ccgatggtga	catcgtctct	gcgcacgaaa	agctgggttag	gagtaggcat	660
gtgcttgctg	aagatctcgg	tagcganact	ggccnn			696

<210> 193
 <211> 1020
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1020)
 <223> n = A,T,C or G

<400> 193	
eggactttgc	60
aaagcgggca	120
ccaagaaccc	180
ccaagcgaaa	240
agaagatcct	300
tgcacgcgaa	360
ggccgagaa	420
ggaggatgtc	480
tgattgagaa	540
ctcggtgggt	600
gcaanggcgc	660
cgaggtccgg	720
gttaccttga	780
aggctcagat	840
tctaatttgt	900
tcacggcatg	960
agtgcacatga	1020

<210> 194
 <211> 483
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 194	
cgaggactgg	60
gatctcgatg	120
aaacttgggt	180
gtttttggtt	240
tgaggctatg	300
tttgaggacc	360
ctcgacagtn	420
ggtaaaattg	480
ccg	483

<210> 195
 <211> 593
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 195
 cacaacgata tcgtccagag tttgacatgg aacgccagcg gaagcatgct cggcaccacc 60
 tcgcgagata agaaaattcg tgtgtgggat gtccgacagg agaagcccg ccacgagggc 120
 cctggccacg gtgggtgccaa gaacagtcgc gctgtctggc tgggagagca caaccgtttc 180
 gcgacaaccg gctttctcgcg tatgagcgaa cgacaaatag ctcttttggga gcctggcagg 240
 acagagccca ttggcggatt caccatgctt gactccatct ctgggtgtctg tatgcctttc 300
 tgggatgatg gttcaaaactg cctgtacctt gctggcaagg gtgacggtaa tattcgatac 360
 tttagtagcg agaattgacaa attcgagttc ctcagcgagt acaaagtcgg gcgacctca 420
 cggggtatgg ctttcatgcc tcgacgagggc attaacactc atgagaatga ggtcatgang 480
 gcttacaaga accgtcaacg atgcttacat cgagcccac ttaatttact ggcccacgac 540
 ggggcgcaga accttccang gcgatatac tccccctgn tgggtgggaac caa 593

<210> 196
 <211> 654
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 196
 caccatctga ggattgctta ggaaggcaat aatcttattg tcgaggcctc atgcagattt 60
 tctgtcaagac cctcaggggg aagacgatca cccttgaggt ggagtcttcc gacaccattg 120
 acaacgtcaa gtccaagatc caggacaagg agggcattcc cccggaccag cagcgactta 180
 tctttgctgg taagcagctc gaggatgggc gcaccctgag cgactacaac atccagaagg 240
 agtctactct ccacctggtc ctccgcctcc gtggtggtgg taagaagcgc aagaagaagg 300
 tctacaccac ccccaagaag atcaagcaca agcgcaagaa gaccaagctg gcgctctca 360
 agtactacaa ggtcgactct gatggcaaga tcgagcgctc tcgacgcgag tgccccagcg 420
 acacttgogg tgccggtgtc ttcattggctg ccattgcagga ccgcccagtao tgtggtcggt 480
 gccacctcac ctacgtcttc gacaagcagt aaatgtatca acacgggatt gggattgatt 540
 gatgacggaa cggattgggt gccaaaaatg ggcgttgaaa ggctgtagca caaagcacat 600
 ccggtttctg aaattatgca ttcacgctta agaagacaaa aaacatgata cctn 654

<210> 197
 <211> 629
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 197
 gaattctcga gatttggttc gaagatgaaa tgcgacngat catcaaggte cttcccaagg 60
 aggaacgaca gaattatgctc ttctccggca ctcaaaacaac caaggtcgag gatcttgctc 120
 gtattctgct gcgacctggg cccctataca tcaacgttga cgaggagaag cagtaacgta 180
 ctgtggaggg tctcgaaacg ggttaagttc ttgttgacgc cgaacagcga ttctttctac 240
 cttttctttt cctcaagcgc aacottlaaga agaagatcat cgtctttctc agttagctgog 300
 cttgtgtgaa ataccatgcc gaacttctna actacatcga cttttctgtc cttgacctca 360
 cgaagcaga agacgagaa gogaaccaca cttttcttga atctgtaaag ctaacagggt 420
 accctgatct gcactgatgt gcgctcgtgg cttttgatatt cttctgtgta ttggattgtc 480
 agttcgaccc ttgggalgan cctcgtgacl acattcacen gtcgtcgaac cgtcgaggca 540

gcaacacaag gccgtcacta tgttctnag ccaacgancg ggntcttgcg atntaagggc	600
ctngtgtccc gtancggttg attcccgc	629

<210> 198
 <211> 965
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(965)
 <223> n = A,T,C or G

<400> 198						
aatttttttt	tttttttttt	ttgaaaaactc	gggtgtcatt	catcaaggta	tcaattttcca	60
tatccctgtc	atgaatccct	gtcatgagta	aaacgcccag	caaatgcaag	attttttttt	120
gaatccatta	ggtecatatg	accgatccct	taaaagccgt	ttttaaagac	aatcccttag	180
tcatctggc	ggaagagggc	gttgatagcc	tcttcgcggt	taccaaggtc	accacccctg	240
ataaagtgt	tgaaccttgc	ggggacggaa	accaccagt	aaggttggaa	aagcttaaag	300
ggccagagga	aagttgaagg	cctgcttnaa	gttgggcccg	acagtgtaga	tctcgtggaa	360
tgagatccct	aacacagaca	aatgcggtag	ttgccgaggt	tctcctcaac	aatgaagttg	420
tccgtaagaa	cagttccgtg	cttggttgacc	tttccgtagc	cacgcttgta	gatgagctcc	480
ttgacgggtc	tcagggttggg	gtaaccgtag	gcgatccaag	gctcgacaac	cttgagcctc	540
tcagtgatgg	ccttggttag	cttgacgaag	acacccgttg	tgatctggag	gagacggaga	600
agctggagga	tcttgccggg	cttggggggc	atcttggtga	tacccttgat	acggacgacg	660
aagatcaggt	tggcctcagc	agggacgtag	gcagagtctc	cagacttggc	aacgcggtga	720
agaacggatc	tctcacgctc	agcatccggg	tactcttgaa	cgtacttctc	agcacgcttg	780
aagatgaact	gacgcttctc	cttggttggca	gtttctctct	tctcaacggc	gtcggcgccg	840
tcagcacggg	cctctctctg	agacttgcgc	ttcttgagaa	gggtctcggg	gaccaggatc	900
tggctggtgg	taggaaacgg	agcaaccatt	ttgtcggcga	cggtctgtgg	aaaggtcggg	960
tagtg						965

<210> 199
 <211> 887
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 199						
gacctttctc	ttagtgtcta	cttaccctcc	tggattctcc	catcaacaag	gctggcaaac	60
tcagatctta	catccatacc	gccaaagggg	tcttgattga	ggttttctcc	tcagtccgca	120
ttcccccga	gttcaagcgt	tttgccgggt	tcattggtgca	gcttctgcac	cgctctgcta	180
tcgctccacc	caactccaac	gagaagctgc	ttccgctgat	tcagaacccc	atcaactgac	240
acctgcccgc	caactgtccg	aaagttaccc	tgagtttoga	tgcaccactt	gtcaagggtc	300
gtgagtggtg	gaatctctca	aattccaaag	acagcatctg	cgttttctgt	ggctgcgatg	360
ccaaagggga	ggaacatttc	gaggactctc	ttgtggatga	gaagatttct	atcagcaact	420
ttctctgtgc	cgccagtggt	gcttctgaga	agttctgcca	cgctgctgaa	gatgtttggg	480
acattatgta	atgtctaccc	atcccaagtg	gggtcggcaa	gaaacccaag	ctgggaacga	540
cggcaagcgc	cggctcgcgc	aacgatgata	caacatcgtc	gctggganda	agatgggttc	600
gtggtaacct	ggaatgcctg	gggtgttccg	tgtccttctg	ttttgcaacc	aaaacatggg	660
gggttcaaaa	tcgggctcaa	gattggaatg	ttgtgcttga	tcgggtctct	caacatgata	720
cacattttcc	tctttgtctc	ttctttctct	ttggctcagg	gagttctgct	tcgttttggc	780
cttttagcaat	taanggcgat	gttgcccaat	tttatccctg	atcggacatg	cttaccctca	840
gtctatccga	tctaaccga	gaacatcttg	tgaaaatggg	caccatc		887

<210> 200

<211> 875
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(875)
 <223> n = A,T,C or G

<400> 200
 actccgctcgt cgtaaatcca cgtagtcgaa ccagccgtca aaatgagcgc ccaggccctt 60
 aacaagatcg ctcccaacag cccctcgagg cagaacccct ccgagctcga gtcgagcacc 120
 gccagggctc tcttcgacct cgagtcacaac acctccgacg tcaaggctgc tctccgacct 180
 ctccagatcg tctctgctcg tgagatcgag gttggccacg gcaagaaggc tattgtcacc 240
 tttgtccccc tcccttccct gcagggtctc caccgcgtcc agcagcgtct caccgcgtgag 300
 ctcccaaaaa agttctctga cggccaggtc ctgctctctg attctctctg catctctctg 360
 cggcccaagg gatctgctcg ctctcgcaac aaccagagag agaagcgacc cgttcgcgaa 420
 ctctcaccgc cgtccacgac gccatctctg aggatctcac ctaccccgtc gagatctctg 480
 gcaagcgctg ccgcaccaag gaggaacggtt ccaagctcct caaggctcac cttgacanan 540
 aaggancgtg gtggtgttga ntacgcgctc gacactactc tgaggctctac cgtcgtttga 600
 caggccgcaa cgtcaacttc gagttccctc agagcggctc cgtcgactac taagtcgggtg 660
 cgtctacttc agagatgaat tagtagtacg aggcacaaac aaaataccaa acgtctttac 720
 acatcaatto aagggtctgg agtgcctatc tttaaaatg gttggtttgg tcatcaaaag 780
 gggctcggcg tctttaaaga aagtagcttg ataaatggta caagctgggt atgatttgac 840
 aagacaacct aaacacttct gtccaaaaaa aaaaa 875

<210> 201
 <211> 639
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 201
 caaggacgoc aaggggcatt attgtgaagt aatggagttc tgtgctggag gagatctcta 60
 cactcttggt ctctcaagtg ggaagctcga agttcaagaa gccgactgtt tcttcaagca 120
 gatgatgggt ggtgttgaat atctacatga aatgggcgta gcacatcgcg acctcaagcc 180
 cgagaacctg ctgcttacca ccgcgggcgc ccttaagatc acagatttct gcaacggaga 240
 gtgttctcga atgggtctgg aaacggacgc gcatatggta tctggcctat gcggttctgc 300
 ccttacattg ccctcgaggaa tacactgata aggagttcga cgcacagagt gttagcgtat 360
 ggggtctgtg tgttatttct atggcaatgc gaaccggcgc tccacttttg cgaactggota 420
 agaaggatga agatgaatct tatgcccgat accttgaggg ccgcgcgagac gaggaagggt 480
 accgacctat cgagtctttt catcgggccc gtgncgcaac ggaatttact cgggtttgat 540
 cctatctact cgcgggttga cagtgcctaag tctttaagtc aaaaatggga cgcgagacaa 600
 ctatgcaagg ctggtgnaaa aggtctgtaa tgacaggaa 639

<210> 202
 <211> 818
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 202

gaattttttt	ttttttttt	ttatagcaat	tgtatcataa	tgtcatcata	catggagatc	60
tgggattgat	atccgaatcc	ctcgtcacgc	atcgtgcaca	tcattgattt	ttcgttgaag	120
acttttgtat	ctattttccc	ttttcagacc	cgtctcccat	gatcagatcc	ctaaccgtaa	180
tgtcgatgca	agcaatccga	atagactcca	cgtgtcgaaa	tatgactttg	tttccatcca	240
cgcgtcttcc	gcttaagaac	ggggcttctc	cttcttctcc	ttccacagag	caaggagacc	300
gacaccagag	accttgacga	ccttgaatcg	cacaccggga	atatcacctc	tggccttgcc	360
cttgcgaccg	aaaccagcca	ggaggacctc	gtcgttctcg	tccacgaagt	tcaagcaacc	420
gtcattgggg	acgaaggcag	tgaccttctt	tccgttcttg	atgagctgaa	cacggacaca	480
ctttcggata	gcggagtggg	gctgcttggc	ctcgacaccg	accttctcga	ggacgatgcc	540
cttggcgtgt	gaagaaccac	cgaaggggaga	ggacttataa	gcggtaccga	gggcacgctt	600
cttgtaggcg	agatcggccc	atttctgggtc	ctttcgggtt	gttcgcagct	tacgggcggc	660
gttaagacca	cgggggtttgc	ctccagccat	ttttgcggtg	ctgtctgtgg	atcgacgacg	720
ggttggtgca	aggttaagctt	tgttggaat	cgtcagaaac	tacgtattnt	ccaccgatgt	780
tgcgtccgcg	gttgagnttc	cgacccatga	acttcccq			818

<210> 203

<211> 628

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (628)

<223> n = A,T,C or G

<400> 203

cgaaaaaaac	tttaaagaaa	ccccagatat	cataactctc	aaacctgtac	ggctctctcc	60
tgttagagag	catggagact	ttcagcggta	gttttgtdca	ggcctgattt	gggacacact	120
cttcaggcca	ccaaacatgt	ctccccttgc	tgcctctctc	cccacttccc	gctctgctga	180
gcttgctaac	ctaacaccca	agctccctgt	ccacgcgggg	aagaacgtta	acacccaagac	240
cattgaggaa	atgctcggta	actgggatga	cttcaagtcc	gctcccatcc	gaaagagtca	300
ggctctcgtc	gacatgaact	gacgttaact	ccaggacctg	gacagctacg	ctgagtctga	360
cattgtccat	atcggcgctg	gactctggcg	tctgagcgct	gcttacgtct	tgggcaagaa	420
ggtccccgat	ctcaagaatg	ccatccatcga	ggcttccagt	tctcctggcg	ggggtgcttg	480
gctcggcgga	caactcttct	ctgccatgaa	catgcncaa	cccgtctgat	cttctctccg	540
tgagatcngg	gttccctaac	aaggacaaa	gtaattacgt	ggtggttcaa	cacgtctgct	600
ctttaacctc	tacatcatgn	ccaaggtt				628

<210> 204

<211> 497

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (497)

<223> n = A,T,C or G

<400> 204

caagactttg	acaagagcat	cgagcttgac	ccctccctca	cgcacagnta	tatcaggccc	60
gtatgcatca	gtatggagct	tgngagcct	gaaaaggccg	aggccgagtn	tgcacaggcc	120
ctcagagcagg	acaagaccca	ccnccatgtt	tactaccacc	gtgcaccaggc	ccatttccatc	180
aaggggcgacc	ttgcgatgac	tcagaaggac	taccagaagt	ngatcgacct	cgataaggac	240
ttcatcttct	ctccatncca	actnggcgtt	accagttaca	agatgggctc	nattgcctcg	300
ctaatgggcta	ctttccgacg	atgcctccag	aatcttccct	aggtcccgga	tgtttacaaac	360
tactacggag	agctactcct	agacccaaggc	aatctctccg	aagccgttna	gaaattccgat	420
accqncatgg	agatggagaa	gcagactaag	cccatgttca	tgaacgtcct	gcccattatna	480
acaaggccctt	tggctttt					497

<210> 205

<211> 564
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(564)
 <223> n = A,T,C or G

<400> 205
 ggcacaccta ttcagaatga tctgacggaa tactttctctc tcacaagttt tgcgaaccca 60
 gatctgcttg ggacacgctt ggagtttctga aagcgatatg aaattccgat cttgcgaggt 120
 cgagatgcag acgcttcaga agcggatcgc aagaagggtg acgagtgcac tgcagctcta 180
 ctcagcgttg tcaacaaatt cctgatccgt cgcacaaacg acattctttc caagtatttg 240
 ccggtcaagt atgagcatgt tgtgttctgc aatctcgcac cgtttcagtt tgatctctac 300
 tactacttca tccaaagttc tgaagtcctg ctcttttgcg aagtaaggga agccaaactc 360
 tnaaacatc aatattctca aaaagctttg caatcattcc gacctgttga atatgttggg 420
 tgatctacca aqctcggaga agtgcctacc catgatactt cctaaagaac acttggctgt 480
 gatcngaggt caatctggta cctggtaaat ggccgcttga acgcatgctg gtcnctcnc 540
 canaccaaat aaaaaatgtc tacc 564

<210> 206
 <211> 925
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(925)
 <223> n = A,T,C or G

<400> 206
 ctctctgtct gactccaaagg gagctctcgt cgcacaaggag ggcttctctt tcaactctga 60
 gcagatccac aacattgcgg cctcaagat taagcaccag tccctgactg cttttgagca 120
 ccaggacaag ttcaattgga tcgaggggtgc ccgccccttg gtccatgttg gcaagggtga 180
 cattgctctc ccaacgctac tcanaacgag gtcaacaagg aggaaccca agcccttctg 240
 ggaggctggt gcttccatcg ttgcccangg gtncaacatg ggttgactg ctgatgccat 300
 tgacgtcttt gaggtccacc gcaaggagaa gggcgacag gctctttggt acgcttcaag 360
 naaaggcctt caactgtggt ggtgtcgcgg tttctggctt ttgagatggc ccaaaacagc 420
 cagcgtatct agtggctcna gaaggaggtt gatgacggcc ttaaggccat catgaaggat 480
 gccttctgtg ccggccttga naccgcccag aagtatgtcg aagccaagga gggcgagctt 540
 ccagctctgg tcgcgggtag caacattgct ggcttcatca aggttgcctga agccatgcac 600
 aacccggjcg actggtaacta ggatggacaa tccgggaaag catgaggcga gagatccgat 660
 actaacagga agaccgttat acccgagctg agctcacatc aaggttatct ggctcttcag 720
 aactctcaca aagtctctgc ttattttctgc atggaatggc gttctctttt gcactatctg 780
 ggcattgcatt ctgtagggcg ttggaggggt tcaagaatgg aacattgtct ttacttttct 840
 tctagataga ctggattgga ttttgccaat ttgtttactt ttctatagnc ccggtagtag 900
 tcagaataaa agaagatctt tacc 925

<210> 207
 <211> 1007
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1007)
 <223> n = A,T,C or G

<400> 207

cgataatcaa	tccgacttta	tttccgatac	aaatatctac	taaagttgat	tgactagaat	60
ttatcacata	ccgctaccat	gtcgggtcta	acggaaaatc	tccctgccaa	gctttcaaaa	120
gattgcctcc	ggcaaagtgc	gcgatctttt	cgagcttcc	gacaagaaca	cgcttctctt	180
cgtggcctct	gategagctt	cagcctacga	tgtgtttctc	aagaacgcaa	ttcccgcaca	240
aggaaagatc	ttgacctctc	tttcggcaca	ctggttccag	gtcttgacng	agcgcattcc	300
tgacctgcgc	acccatttca	ttagcctcga	tgtccctgag	ggtgttagtg	ctgaggaggc	360
tcagatcttc	aagaacagat	ccatggctgt	caagaagctt	tctgtcatca	agattgaatc	420
catcgtgcga	ngctatctga	ctggctccgc	ttacaaggag	tacnagaaga	acggtactgt	480
tcatgggtatc	accgtcgaaa	ctgggtatgga	agaagctcaa	aaattcaagc	agcccttggt	540
ggacacctag	caccaaggcc	gatgcnggag	gagcatgacc	agaacatcca	ccccgacgac	600
gcttggaagg	aggctcggcga	ccgcgagact	gcggaccgcg	tcaaggagtt	gtccttgaa	660
atctacgacg	aggcctccaa	gtacgctgaa	nagcacggca	tccctctggc	tgacaccaag	720
tttgagtttg	ccaaggatca	agagggcaac	atctacctcg	tcgatgaagt	actaacacct	780
gactcttntc	nattctggcc	agcagccggc	tacatgcctg	gccgtgacca	ggacagcttc	840
gacaagcagt	tcatecgaaa	ctggctcacc	aaggaaggac	tcaagggcaa	ggaggggtgc	900
agctttccc	aggatattgc	ccagctcacc	aaaacgcgtc	cgagaggctt	ttttttgtga	960
ccggtaanaa	attcgangac	ncggttagcc	aatnggcggg	agggatt		1000

<210> 208

<211> 724

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(724)

<223> n = A,T,C or G

<400> 208

gtcaagatgc	gtgagattgt	ccacgttcag	gtcggccaat	gtggcaacca	agtcgggttc	60
agcttctggt	ctacgcgttc	caaggagcac	ggcattgatg	gcagcgggcg	ataccacggt	120
accaatgacc	agcagcgtga	gcgtatcaac	gtctactttg	ctgagggtgg	caacgacaag	180
tacgtccccc	gtgctgtttt	ggtcgatctt	gagtcgggac	ccaggatgc	catccgcgcc	240
ggctcctctg	gccagctttt	ccgccccgac	aactacgtcg	ccggtgaggc	cagtgcgccg	300
aaacaactgg	gccaagggtc	attacaccga	gggtgcgcag	ctcgttgagg	aggccatcga	360
cgttgctcgt	cgcgaggctg	agaactgtga	ccaccttcag	ggcttcagct	gacgcactct	420
tttgggtggt	ggtaccgcgt	tcgggtattg	gtaccctttt	ttntgtccaa	gatccgtgan	480
ggagttccct	gatcgcatga	tgggcacctt	tttcgctcat	gccctcgccc	aaggtttccg	540
atacccggtg	togaacctta	caaagccact	ttgtttctta	accaagttcg	tcgagaaaact	600
ttgacgagac	ttttttgttt	cgaacaacga	nggtttgttc	atatctacga	aggaccctaa	660
gncgcgcgac	ttntacgcga	tctaaatact	gattcanagt	atggccgggt	nacanttttc	720
catt						724

<210> 209

<211> 736

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 209

tccaatttca	tcttcggcaa	ccggccaagat	gggttttcatt	gaggacgagc	tgaagcagct	60
caaggatgtc	atcagcaaca	tcgacacgcg	catttaanaag	ctcgaggcgc	gagccacccg	120
cggcctgtgc	tctacgcagg	agatccgaat	gattctcctc	ggcccccttg	gtgctggaaa	180
gggtactcag	gcccccaaga	tcaaggagcg	cttctcctgc	tgcacactgg	ctaactggga	240
catgctgcga	tctcaagtcg	ctaagaagac	ccctctcggt	gtcgaggcca	agaagatcat	300
ggatgcgggc	ggctctggta	gcgacgagat	tatgatgggt	atgattaaa	aggagctcaa	360

caacaataag	gagtgccagg	gcggttcat	tctcgacggt	ttccccgaa	ctgtccccc	420
ggctgagggt	ctcgatgcta	tgtcgcaga	gcgcaagcag	aagctccagc	acgctgtcga	480
gctccagatc	gacgactctc	tgtcgttgc	cgtattact	ggccgattan	tccatccgc	540
ttccggcget	cataccacac	cacctttaac	cctnccaagg	agtncatgaa	ggatgacatt	600
actggggagc	ctcttntcca	gcgaagggac	aacaatgccg	atgctctaaa	gaaccccttg	660
tatcctacca	caagaacaaa	gcttgtgggg	gctataccaa	aaantggtn	tggagggctt	720
acccgccaaa	accgga					736

<210> 210
 <211> 629
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 210						
gccgaccaag	aagaagcctg	acatggctcc	cgagagcgag	cgcttccctac	gatggttgcgc	50
cgacgtcgcg	aatgcccctca	ttgaggacca	cgaagcctca	aaggctggcc	gcacaaactcg	120
cgacatcaac	ctcaactcgc	tacgaaacaa	gctcgccaag	aagcacaagc	tcatgaacat	180
tccacctttg	accgccatca	tgcctccat	ccccgagcac	tacaagaagt	acatcctacc	240
aaagcttatt	gccaagccca	ttaggacgtc	ctcgggtatt	gctgtcgttg	cgtcatgtg	300
caagccccc	cgatgcctc	atatacctta	taccggaac	atctgcgtct	attgccctgg	360
aggaccgcag	tccgatttcc	agtacagtac	acagtcatac	accggctacg	aacctacgtc	420
gatgcgagcc	atccgcgcgc	gatacgatcc	attcgagcag	gctcgaggac	gtgttgatca	480
actcaagtc	tggggcattc	cgcgacaagg	gcgagtacat	natcatggga	ngaactttta	540
tgtttttttt	gagtcatacc	gagangaatt	nattggccag	cttcacaacg	ctnttcaggg	600
ggtattaaac	tacaatgggc	gacgagncg				629

<210> 211
 <211> 868
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(868)
 <223> n = A,T,C or G

<400> 211						
gagtttttat	ctctcatgac	gnggggaagt	tgtagtthag	ttgggtcttgg	tagatgccca	50
atratthgct	acttccagat	acatcctatc	ctcttataca	agatttttct	ctctcttttc	120
ttcaatctct	aacgatattg	tttttattta	tatacacaat	ggctaccaac	attacctggc	180
apcctctct	atcgcgcaag	gagcgcaacg	agacccgcgg	tcagcgcggt	ctcaccatct	240
ggctgacggg	tctctctgac	tctggcaagt	ccaccgtcgc	cactgctctc	gagcagcacc	300
ttcttcaact	ggcgctcgcc	gcctaccgtc	tcgatggcga	caacgtccgc	ttgggctcca	360
acaaggatct	tggcttctcc	gaggccgacc	gaaacgaaaa	ctattcgtcg	atctccgagg	420
tgttaagct	gtttgcgcgt	tcttccacca	tcggccatcac	ctcttccatc	ttcttccatg	480
acagatcgca	aggtcgcctg	tgagctacac	gagcaggcta	ctcaagggtg	tgacgagcct	540
atccttttgc	tggangtcta	cgtcgatgtg	ctcctcgagg	ttgctgagca	ggcgagaccc	600
aagggtctct	acaagaaggc	tcgtgttgg	gaaatcaagg	atttcaactg	catctctggt	660
ctttatgagg	agcctgagaa	ggctgagatt	accatcanga	ctcatgaaaa	ctctgtcgag	720
gagtggtgag	ctcagatcgt	cgagtggttc	aacgagaagg	gttacctcaa	caagaaataa	780
atctgcaaat	gatgattgtg	ctntgcgtct	caacaaagata	gatagggtat	taatgtcatg	840
tngartacgg	acgtngtcac	atgcaggc				868

<210> 212
 <211> 715

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 212

agcatccatc	aacttttcaat	cccctcagcg	aagaagcacc	ctaataccctt	ggtcagggcc	60
ccttattttta	cgacactccc	aaagctatgg	ctaccattcg	taccgatctt	ccaggcccca	120
tgggggataa	gaagctggag	aagaagcccc	tcaagttctc	caacttgctt	ctgggcgctg	180
gtctcaacct	tttcgaggtt	accacactcg	gtcagccttt	ggaagtagtc	aagaccacta	240
tggcagcgaa	cagaggcgac	agcatggcta	cggctttggg	acgcgtatgg	gcccgtgggtg	300
gtcctctggg	cttcttccaa	ggcctcatcc	cctgggcttg	gattgaagcc	tccactaagg	360
atactatcct	cctattctgc	gcttccgaag	cagaatacra	cgcgcgtgac	gcccgtgctt	420
ccagagtttg	tgggtggtatc	cttgggggtg	tcaatggggg	tgctggccan	gcttatgcda	480
ctatgggttt	ctgcacctgc	atgaagacag	togagatcac	taagcacaag	ctcgctgcct	540
ccgggtgtcaa	gcctcagaac	accttcacaga	ccttcgcaga	aatctaccgc	aaggaaggta	600
ttcgttggtat	caacaagggt	gtcaacgcgc	tgcgtatccg	ccagatgaac	aactggggta	660
gocgtttcgg	tctcagccgt	cttgccgaag	gttggattaa	gtccttaccg	gttaa	715

<210> 213

<211> 714

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 213

ccttatccct	atataatcaa	gttgcacactc	tgcaggttgc	accattcttt	gatcattctt	60
tggctcgcca	aggccaggat	cgtctcctca	acgtaacaac	agcatcgttt	tctccgacga	120
ccttatctct	ttagctttga	cagctgtcac	atacacctgc	cctgcaagag	acaccgaaaa	180
agaccacaca	accgcaaaaa	tggcgcaggc	tgggtggctca	tacaacaacc	ccttgaagaa	240
gttcaagctg	gtgtttctag	gagagcagag	tgttggcaag	acctctttga	tcacacgatt	300
catgtacgac	tctttcgaca	acatgtacca	agcgaacgatt	ggcattgatt	tccctctcaa	360
gaccatgtat	ctcgaggaac	gaacagtgcg	attgcagcta	tgggataaccg	ctggacaaga	420
acgattccga	agtctgatcc	catcctatat	ccgtgattca	agcgtggccg	ttgtttgtcta	480
tcatatctct	aacgcacaagt	cgttccaaaa	caccaagaaa	tggattgatg	atgtncganc	540
cgaacgaggt	aacgatgtta	ttatttgtgt	nggttgggcn	acaaqacqgg	tttgaacgac	600
aagcgagaag	tcttttcccc	agcaggggga	ggaagaagcc	cagaagaacc	acctgatgtt	660
tgtcgagaca	agcgcaaaag	tgggtcacaa	cnttgaagaa	cctattcaag	aaaa	714

<210> 214

<211> 687

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(687)

<223> n = A,T,C or G

<400> 214

cgcaccaagt	cctaacagtc	caataccgcc	aaaatgggtc	gggttcgtac	caagaccgtc	60
aaagaagtcg	ccaaggtoat	cattgagcgt	tactatctta	agctcaccct	ggacttcgag	120
accaacaagc	gtatctgtga	tgagatcgct	atcctcgctt	cgaagcgtct	ccgcaacaag	180

attgccgggtt	acaccaccca	cttgatgaag	cgaattcagc	gtggccccgt	ccgtgggtatc	240
tccttcaagc	ttcaggagga	ggagcgtgag	cgcaaggatc	aagtacgttc	ctgaggtctc	300
cgctctggac	ttcaccacaga	actccgagag	cggccagctc	gacgtcgaca	ccgagaccaa	360
ggacctcttc	aagcaccttg	gcttcgagtc	cattcccgtc	aacgtcatcc	ccgtcactca	420
gcagcagatt	cccagcgtg	gacagcgata	cggaaaccgg	ccccgccgcg	actaaaaatt	480
tggtttatgg	gattattatg	gggtgcaggc	atttgcaggg	tttcactact	tggcgtcttt	540
aggacagtga	gtgcataggt	ctcaaagaaa	gactttacga	cccccccaaa	aagggtcgcc	600
anttttngag	gantcaactgt	gacctgaacn	caatttttcc	ttttnnngaa	tgaacttgcn	660
aaggcagttc	cnaanaggga	ttgactg				687

<210> 215

<211> 589

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1) ... (589)

<223> n = A,T,C or G

<400> 215

cttaattctg	tacctgtaac	aaaaccagca	gtttgcagcc	atcgagacct	atgttcagca	60
ggtaaacccc	ggcagagctc	ccgaggttgt	tggcgggtctt	ttggatgttg	actgcgacga	120
gaacgtcatc	aagcagcttc	tgagctcggg	caacccccag	agtatcaaca	ttgactcact	180
agtatcggaa	gtcgagtctc	gcaacggcct	caagctttctt	ttgcctttcc	ttgaggccac	240
tctccaggct	ggcaaccagc	agcaagctgt	ttacaaagct	cttgccaaga	tttacattga	300
ctccaacaac	aacctgaga	agttccttaa	gggagaacga	ccagtacgac	acccttactg	360
ttggaaagta	ctgtgaaaag	cgtgaaccca	acttggctta	tatcgcttac	totaagggtc	420
agaatgatct	ggagcttgtc	aacatcacca	atgagaaetc	catgttacag	ggctcaggct	480
cgatacctct	tggagcgatc	cgatgpcgan	ctttgggggtt	tctgtctgan	cgaaaaacaac	540
ancatcgtcg	ttctgttgtc	gaacaggcca	cogctacagc	tgtcttgaa		589

<210> 216

<211> 513

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1) ... (513)

<223> n = A,T,C or G

<400> 216

cagacagact	gcccagttctg	cattcgttga	cgaactcaag	gocgacattg	ccccaaaaggc	60
agctgagaa	acaagaatga	agacgtgat	tgaagatctt	caacagcggg	tcaagggttg	120
cgcacacgcg	cccatggcta	acggcaagac	gatccagcag	cagattgcgc	agtttgacgt	180
catgaagaag	agtctcatgc	gcgaccttca	gaaccgatgc	gagcgtgtgg	tagagctoga	240
gatctctctg	gatgagacac	gagagcagta	taacaacgtt	ctccgatcgt	caaacacaacag	300
ggcgacacga	agaagatggc	gttcctcgag	aggaacctgg	agcagctgac	ccaagttcaa	360
ggcttagctn	tccagacagaa	ctcanagctc	aagaaagagn	tgctttcgtc	gtagcaagct	420
cattcncaga	atgagcgtat	ccagacctgg	aagcctgctc	aggatageng	ganaagatgg	480
ctgtgngaac	cacaagtttg	aggtnaanta	ctt			513

<210> 217

<211> 775

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1)...(775)
 <223> n = A,T,C or G

<400> 217
 cagaagctcc tggacgagcc cgtcttcgct ttctaccttg acggtcagga gggccagagc 60
 gaggtacttt tcggtggtgt tgacaagtcc aagtacactg gcgacctcga gtacattcct 120
 ctccgccgca aggccttactg ggaggtcgac cttgatgcc a ttgctttcgg cgacgaggtt 180
 gccgagcagg agaacactgg tgccatcctc gacaccggta catctctgaa cgtcctcccc 240
 agcgctctcg ctgagctcct gaacaaggag attggtgcc a agaagggcta caacggccag 300
 tacaccattg agttgcgaac aaggtctctt ctctgccga catcactttc acccttgctg 360
 gttccaacta cagccttccc tccaccgact acatcctcga ggtccaaggc agctgtatct 420
 ctaccttcca ggtatggact tccctgagcc cgtgggtcct cttgttatcc tcggtgatgc 480
 ttctctccga cgatactact ctgtctacga cctcggcaag aacgctgtcg gtctggctcg 540
 cgccaagtag aaatgaacat ttatgtatga attattcaat agcgcatggg aatacncagc 600
 atggacacgg ggttgacaa tggcatggga ctactagttt gaactgtacg acagaattga 660
 gtaagctgta ttgaggaaat tggctctcag aattgctgct ctataatattg aacttttatgg 720
 aatttttggaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaattcc tgogg 775

<210> 218
 <211> 733
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 218
 catcaccacc tnaggccctt tcttcccttt acccctnaaa gcgctgcgag cgtagttatt 60
 tctctcccca tacttntttc ccncaaactt caaactctcg tcttagcttt ttaagcttca 120
 tttatacaag atgaaggggc agattcttca cctccacctg ggccaggctg gtacacagct 180
 cggtaaactct gcttgggagc tctaccttct ggagcacggt ctccggccccg acggtcgacc 240
 tgaccccaat gctcccgata ttggtgaccc cggttctttc gagaccttct ttaccgagac 300
 aaacagcggg aagtatgttc ctcgatctct gtctgctgat ctcgacccct cgcctatcga 360
 tgagatccga acaggcgaat accgcaacct tttccacccc gagctgttgg tcaagtggaa 420
 aggaggatgc cgccaacaac tacgcccgtg gcactacacc attggcaagg agaaggctga 480
 cgaggtcatg gaccgcattc gtcgtgtcgc cgacaactgc agtcttctca gggtttncgt 540
 atcttttact ctttcggggg gggtaaccgg tcttgggttt gggctcttct cctcgagcgt 600
 tttccacttg attatggnaa gaagtcaact tgagttgggt gttaccctgt cccganatga 660
 attgcggtgt gaggctanaa gttgctntta ctaaagactt ttggaactcn ctgncttctt 720
 ttgttacaag gng 733

<210> 219
 <211> 1124
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1124)
 <223> n = A,T,C or G

<400> 219
 gggagagcgc tacatccagg atacacgtat ccaactgctgt ctctttcttca tccagccatc 60
 agggcaactct ctcaagccca tcgatattgt tgtcctgaag aagctttcgg acgtcgtcaa 120
 cgtggtgcct gtcattgcc a aggcgagac cctgactggt gaggaacgcc aggagttcaa 180
 ggagcgcctc aaggaggagt ttgccttcca caactcgaag atgtacccct acgacaacga 240
 cgagtttgac gacgaggagc gtgctttgaa cggccagatc aagaaccttg ttcccttcgc 300
 cgttggttga tccgagaagt cgatcatcgt caaaggtaag caggtccgag gtcgccagaa 360

cagatgggggt	gtcatcaacg	tcgaggacga	gactcaactgt	gaattcgtct	acctacgaga	420
cttcctcctc	cgaaccacc	ttcaagacct	tatcgagacc	acctctcaga	tccactacga	480
gaccttcctg	gccaagcaac	tgettggcct	caaggaaagc	agtgtctcac	gtgggtgctag	540
cagcccgacc	catcagccct	gccggccgacc	gcgagctcag	ccgaaactcg	caacgaatga	600
cgatgaacgg	ctactaagct	gaattttgtgt	ttgaagttgt	gctggcaatg	gagcgacngc	660
gtctcggggc	agctcgatag	cccgcatttg	ttacgacact	ccacatattt	cacggcctga	720
tgtacagcaa	cccaaaagca	attgcttgcc	acggaagggt	ctcgtagtgg	actctgacca	780
cagtgaaccc	ctgaaggcct	tacatcgttt	cgatgacatc	ggcatgcgag	caaggacgag	840
agcagcattc	ttgggggtatg	aaccagatga	gagatgggga	ctgggtccgtt	gagatccaga	900
tacccgtttc	ctgggttacgt	accttgggga	ctgtctgctg	gtcagtcctg	atcgaagctg	960
tacacgactt	tcttcttttt	ctttcagtg	tacccccgga	gaactatttg	gccttttttt	1020
atgctttaat	aagaccgatt	accccatact	ctaattctgga	gttagtttctg	ttgcctacat	1080
agtgtatcaa	attcgattgg	agtttctctga	cgtaaaaaaa	aaaa		1124

<210> 220

<211> 492

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(492)

<223> n = A,T,C or G

<400> 220

gttaaggetg	ctattgatgc	ctttggccgc	gtcgacattg	tggtcaacaa	tgctgggtatc	60
cttcgcgaca	aggcattctc	caacatgaac	gacgagctct	gggacctgt	cctgaatgtc	120
gacctncgag	gtacctacaa	ggtcaccaag	gctgcttggc	cttacttctt	taagcagaag	180
tatggccgcg	ttctgaacac	tacctcaacc	agtggatatt	agggcaactt	tggccaggcc	240
tactacgctg	ctgctaaatg	tggtatctct	ggattctctc	gggcctctgc	tctcgagggc	300
gacaagttgg	catctatgtc	aacactatcg	cttccaaagg	tggtactgga	atgacggcac	360
catcatgctt	gaaaagatgg	tcaggctctt	caaaggccga	tacatagccc	ctcttgcctt	420
gctctttgta	gtgncaagtg	gcctaaacct	tnggcggttg	tccangtttg	nagcngtttg	480
gcgctnagct	ca					492

<210> 221

<211> 561

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(561)

<223> n = A,T,C or G

<400> 221

catctacgct	gtaattoagg	atgatgctgt	ggcctttttg	ggcttccaga	agttcatgga	60
ggcgaatgaa	cgcaacttcc	tacgtgatca	atctggatat	cgcaaccagc	tcttgacgct	120
tgatcaactc	gtccagttca	tggatcctgt	actctggaac	caccttcaaa	aggccgacag	180
gacccacttc	ttcttctctt	tcaggaatga	cttggtttgg	tacaaa gtc	agtttgatcg	240
gttagatata	ctcgagattat	gggaagggtt	gtggacagac	tacatgagtg	ccaacttcga	300
cttcttctat	gcttttggca	ttctaganaag	acatcgogat	gtcatcatgg	agcacttgca	360
gcaatttgac	gaagtgttca	agtntattaa	cgagctgtcc	accacaatcg	atctcgaagc	420
aactctcact	agggcagaaa	gtctcttcaa	gaaattccaa	aggctcgtcg	atgcagtcga	480
gaagaandaa	aacttcctcg	ctccccatct	caatcctaah	aatctttctgq	atctccqaaa	540
tcacagggtc	agggcccccga	a				561

<210> 222

<211> 570

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(570)

<223> n = A,T,C or G

<400> 222

cattgagctt	gctgagaagc	acaacgcctt	cattggcggc	gacgacttca	agtctggcca	60
gactaagatg	aagtctgccc	ttgttgactt	cctcatcaac	gccggtatca	agttgacttc	120
aattgctagc	tacaaccatc	ttggcaacaa	cgacggcaag	aacctgagtt	cccagaagca	180
gttccgcctc	aaggagatct	ccaagtctaa	cgctggtgat	gacatggtcg	aggccaacca	240
cgctcctttac	aagaagggcg	agcaccocga	tcactgcgtt	gtgatcaagt	acatgcctgc	300
cgctgcagac	aacaagcgtg	cccttgatga	gtactacgcc	gagattttca	tgggtggcca	360
ccagaccatt	tcgtctctca	acatctgtga	agactctctc	ctcgcttctc	ccctgatcat	420
cgacttgggc	atcattgcgc	aatgatgtc	tcgtatccag	tggagggcgc	tgtcttccga	480
cgqcaactgc	actacccaat	acaaaagttt	ccacagtgtc	ctgagtgtcc	ctagctacat	540
gctcaanggc	ccctgacccc	cctggcactc				570

<210> 223

<211> 692

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 223

cttttcccggt	aagctccctc	cccaattcta	ccatctccag	tcattctcacc	acattttctct	60
ttataccact	tcgtccctca	actctttctat	ctcctcgaac	tcctgcgcgc	tctccatcaa	120
cgctctctct	tttccctttt	cccatacaca	caccgtaatc	cacagccatg	gaggaagaag	180
ttgtctctct	cgctcatgac	aatgggtcgg	gtatgtgcaa	ggccgggttc	gccggtgatg	240
atgctccccc	agctgttttc	ccttccattg	tcggctcgcgc	ccgtcaccat	ggtatcatga	300
tcgggtatggg	tcagaaggac	tcgtacgttg	gtgatgaggc	tcagtccaag	cgtgggtattc	360
tcacactgcg	atacccccac	gagcacggtg	ttgttaccaa	ctgggacgac	atgganaaga	420
tttggcacca	caactttctac	aacgagctgc	gtgttgcccc	cgaagaacac	ccngtccctgc	480
taccgaggct	ctatcaaccc	caantccaac	cgtganaaga	agaccagat	tgttttcaag	540
acctttaacc	cccccgtttt	ctacgtnttt	atcaagcccc	ttctgtccct	tgtacccttt	600
ccggtccnta	ccaccccggt	tcgttttgact	tgggaagngc	actacntngt	ccattanaag	660
gcttcccttn	cccccttgc	nggtaanggg	tg			692

<210> 224

<211> 548

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(548)

<223> n = A,T,C or G

<400> 224

ctctctctgat	agactctctca	atgatctctg	catcgctaatg	cgcgccctacc	tngagaagcc	60
ccgaacaacc	gttggcttga	aggtctctcat	caacgatccc	gatctcgaca	actntttcaa	120
gatcaacaag	ggtctccgtg	tttcccgcca	gcttttttgtt	gacctaacca	ctcagggtct	180
cccaatttgc	actgagatgc	tcgacaccat	ttccctctcag	ttccttgcgc	actgtatctc	240
tgttggcgcc	attgggtgcc	gtaccaccga	gtcccagctt	cacgngagc	ttgcctctgg	300
tctttctttc	cccgctcggt	tcaanaacgg	tacagacggt	agccttggtg	ttgccattga	360

cgtattggc	gctgctgccg	tcaacaccac	tttatgggtg	tcaccaagca	gggtcttgc	420
gttttacc	aaccaagggt	aacgagcact	gnttcgtcat	tctccgnggg	ggaaccaagg	480
gtaccaactt	tgacaangag	agcgtccagg	ctggtaaana	aggtccttca	ngaaaaanaa	540
acaaaagg						548

<210> 225
 <211> 889
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(889)
 <223> n = A,T,C or G

cgacgcgcga	cgacgcgcga	gggtccaaagtc	tcaaaccttca	caatgggtttc	cagaactacc	60
gtcactatct	tgggcaaaga	tggtgctccc	actggagcta	cccacgccat	tctgtctgtc	120
ttcaccagcc	cgatccgacc	ggacattgtc	cagcagggtc	acaccggcat	ggccaagaac	180
aagcgtcagc	cctactccgt	gagcgagaag	gctgggtcacc	agacctctgc	tgagtcttgg	240
ggtaccggtc	gtgctgttgc	togtattcct	agggtttctg	gtggcgggtac	tcaccgcgct	300
ggtcaagctg	cttcggtaac	atgtgtcggt	ccggtcggtat	gttcgcccc	acaaaaatct	360
ggagaaagtg	gcacgtccga	gtctcggtcg	gacaaaagcg	atacgccgtt	tgctctgcct	420
cgtctgcctt	cgcggccggt	cctctgttca	ggcccggtga	caccagggtca	actccgtccc	480
cgagggttcc	tctggccatc	gaactccgct	ggtttcgagg	ctgctgncat	tgccaaganc	540
tccgctgntn	tgggtcttct	gaaggctggt	ggtgcggttg	aagactcaac	aaggtnaaga	600
actccaagaa	cttcgtgctg	gtaagggcga	cttcgtggcc	gcggccaccg	ccagcgacgt	660
ggcccttttt	tcactctact	cccgagactg	atgggaagga	cttattaccg	ctttccgcaa	720
caatcactgg	tgctcganaact	ggcccgctac	cgggtcttaac	ttcttccaat	tggtttctggt	780
ggtgaccttg	ggtcaattat	gtttggacct	ccggtgggtt	caagggtttg	anacatctac	840
ggttcnccac	tgaagggttcn	cccacaaagc	naattccccc	tccttcaac		899

<210> 226
 <211> 643
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

ccctctaccta	aattcccccga	aataaaaaacc	aaaaaacgctc	aaaatgggtca	aggctgtgag	60
cgttctccgc	ggtgactcca	aggtctccgg	taccgtcgtc	ttcgaacagg	agtctgagtc	120
tgtcccccact	accatcaact	gggacatcac	cggtaacgac	cccaacgcca	agcgaggatt	180
ccacatccac	accttcgggtg	acaacaccaa	cggctgcact	tcgntggcc	ctcacttcaa	240
ccctcacaac	aagacccacg	gngetncttt	tgacgagacc	cgnatggtt	gtgatctcgg	300
aaacgtccag	actgacgctc	agggcaatgg	caagggtctc	gtcactgact	ttcttatcaa	360
ggtgattggc	ccccacagcg	tcattggggc	aaccgttctt	gtccacgtct	gtacttgaga	420
ctttggcaag	ggtgacagcg	aggagtctct	caagactgggt	aagctgggtc	cccgacctgc	480
ctgnggtggt	attgggtatct	ccaactaagc	agtgcggaac	tgaattgaat	gaaaaaaaat	540
gtcattactc	agttgttttt	tgtttagcaa	aatttcagcc	atgaacaatg	atgtgtctca	600
tgatattoga	tagcaacaat	caatccaatt	naagtgante	nat		643

<210> 227
 <211> 549
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(549)
 <223> n = A,T,C or G

<400> 227
 gagcaacttn aggcagccaa gcgtgcacat ctgttctntc gtgttgagcc cagccataag 60
 tcccgactgg ttgatctnct tcagtctctt ggcagaagtt gttgccatga ctgggtgatgg 120
 tgtcaacgac gctcctgccc tgaagaaggn tgatatcggt gttgccatgg gttctggaac 180
 cgatgtctcc aagctggctg ncgacatggg ccttgctgac agcaactttg ccactatcga 240
 gggtgccatt gaggaagggc gctccattta caacaacacc caacaattca tccggttatnt 300
 catctttttc aataattggg cgaaagttag ttccatcttt ctacaggcg ntcttggnat 360
 gcccgagget ctgggttctg ntcagcttct ctgggtaaac ctagtccact atgggncttc 420
 ctggcaccgn tttgntcttt aaaccttttg aacacgacat natgaaagcg ttgcccccg 480
 gaaggcgaga tgangngctc atttggnccg ggtgggnttt ttttttcngt attttggtaa 540
 tttgggaaac 549

<210> 228
 <211> 610
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 228
 attattggtt aatatctctg agatattata tgagaccttc actcatctca aagctccagag 60
 ccactccaat cgttgccaaa atgcctgttc accatctcat ggtcggcacc tggacccctc 120
 caggagccat ctccactttt gcttttgatg acgaggctct tactctcaag cttgtcaaga 180
 ggaactgagat tccccaaagt gagcctatct catggatgac ttccagtcac gatagaaaag 240
 ccatatatgg cgttgccatg aagaagtggg ccagtttctg agttgagtcg ccaacctcaa 300
 taactcacca agtttctcac ccaatggagc acgaccccaa tgcttctctt gcgacaaoca 360
 ataccgcgc catcttctc ctggccttgca acaagcctcc ttactcagtc tactgcaatc 420
 cattctacga ccacgcggc cacgngctg ctttcaccac cgacaacacc acaaaagctn 480
 ttaaggagaa cgttcaaaaac taccctacc agcctaacc tgggatncat gggatgggct 540
 ttgacccga ggangagtat tttactntgg cganctttgc gccaaaaagn tttggacat 600
 tggccgnngg 610

<210> 229
 <211> 525
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 229
 ggaatgtggg tgggtctggat atgcanaagc aggagatccg tgaagctggt gaattgccc 60
 tgaagcaatt ccatctttat aagcagatcg gtatcgaccc tccctggggg gttctttttg 120
 acggctctcc tgggtaccggc aagactatgc tgggtcaaggc cgtcgccnac tcaaccaccg 180
 caacttctat ccgagttggt gggtctggnat tgggtcnaaa atacttgggt aaagggccccc 240
 gaatgggtcc agactgtctt cgtatgggtc gggaaaccc accggccatc atcttccatg 300
 acnagattga cgcctatgcc accaagcgat tggatgctca aacgggtggc gataganaag 360
 ttcanogtat tttgcttgac tgtcaatcaa atggatgggt tcaaccagac gtaatgtcaa 420
 ggtattatgg caccacccga gccgatactn tggatcctgc cttctccccc cggacgtttt 480
 gacggaaaaa caatttctn gctgganacc gtgtgagcga cgttt 525

<210> 230
 <211> 620
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 230
 ttggcacatc gcttcgcata tatgacttgg gtatgaggca aatgctccgc aagtctcagg 60
 ccgaagttgc aacacagcag attgtgtctc tcaacacaca aggcagtcga atcattgtag 120
 gcgatgttca gcagggcgtc acttaacgttg tttataagcc tgcttctaata aagcttattc 180
 catttgtcga tgatacaatc gcaagggtgg caacatgtac auctttggtg gatttatgaat 240
 cagtcgctgg tggtgacaag ttccgtaata tgtttatcgt acgttgtcct gagaaggcga 300
 gtgaagaggg tgatgaggag caatccggct tgcattctgat caatgcccgga gactatctcc 360
 acggcacacc tcacagagtg agcttaatgt gtcatttcta caccacaggac attccgacta 420
 gtatcactaa gacgagtcct gtgggttggg gacaggaaat tttgctatgg agtgggatca 480
 tgggcacaaat cggagttttt attccatttg tcagtcgtga agatgcagac ttttttcaga 540
 acctcgagca acaccttang acagaagatc cccactccgc cggacgaaga tatctcatgt 600
 atcgtggcta ttaagccctt 620

<210> 231
 <211> 595
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 231
 nccaaaaanc nattatcgcc cnccttgccc ccatnttttg tttcgaggac aacctcttgc 60
 tgaagctggc tgggtgtaact aaccttttca cttccaacaa catgcaagag aagttctacc 120
 ccgttcattc cattgatgtc ggtgctgctc tngagaagat cttcttcgac gacaccactg 180
 gtggacagac cttcgagcct tacggaccca agaagtacag cntggaggaa atttctgtta 240
 tgggttgacaa gganattttac aagcagagac gacacgttaa cgtgccaaag gctattctga 300
 agcctgttgc tgagctgctg aacaagggtg tttgggtggca cactctgtca gctgatgagg 360
 tnganagaga gttcttggaac caagtcctcg accccaaggc caagaccttn aaggacctcg 420
 gbatcgagcc tggagacatc atcaacttcc ctaccactat ctgnaaggat tncgaaccag 480
 aactactacg atcttccctt gcgacaaaaa anganaacgg gaaaaaaaaa aatnccctcc 540
 ctncgggaen attgnaaana aaangaatcg gntttttgcn gctatngatg cngga 595

<210> 232
 <211> 661
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(661)
 <223> n = A,T,C or G

<400> 232
 attcgtgttt gcttctcact ttccaattct ctcacaaatt taaaacgcaa caatggatcc 60
 atgcatggag ctcaagcaga acacgacaat tgctgtgctc ggtgcttctg gtgatctggc 120
 gaaaaanaag acgtatcctg cacttttctg tttttaccga aaccagttcc tccccaagga 180

tgtcaagatt	gtaggatatg	cccgactactaa	gatggaccac	gacgaatata	ttcgacgcat	240
caagtcatac	ataaagaccc	ctacaaagga	gattgagcaa	caacttgaag	acttcgctgg	300
gctttgcacc	tacgtctctg	gtcagtacga	caaggacgaa	tccttccagg	gtctcgagca	360
gcacctccaa	gaagttgagc	aggatcgccc	cgaaaaccac	cgtctgttct	acatggcgct	420
ccccccagc	gtcttcacca	ttgtttctca	gcacctcaag	aagatctgtt	acccaaaaac	480
ggcatcgcg	gtgttctctn	tcnaaaacnn	ttcgcaagat	cttgccagct	cccgcgaaact	540
tcaaaattcc	cttgaccctg	actggaacaa	acaggaactg	ttccaatcca	cattacttgt	600
naganaaagg	tcaaaacacc	ngatcctcca	attggtaccc	ttccccgcgc	cccttgaaac	660
g						661

<210> 233
 <211> 845
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(845)
 <223> n = A,T,C or G

<400> 233						60
ccctacccctc	gacctactgc	tatcgattgc	ttaataccta	taaccaacctc	ttctttttttt	120
gggtctgtcc	ctgaaaaacc	tcaccaacca	aacacgttcc	tattcaactt	caacaagagc	180
ttaccccgcc	aaatccgaac	cccgccaaat	cagacatacc	tcaccaaaat	ggtcggtctt	240
ggctctcgctc	gccctccctc	ccgaaaaggga	tctatggccg	atgtccccc	ggacctcgcc	300
gaagagatta	acaagcttga	gaatctcttc	acggtagagc	ccagcaagct	taaggagatc	360
accaatcact	ttgtttctga	actcgccaag	ggctctcagc	ttgagggcgg	tagtatccct	420
atgaacctta	cctgggttat	gtcatacccc	gatgggtatg	aaacccggcac	ctacctggcc	480
ctcgatatgg	gcggcaccaa	cctgagagtg	tgccaaatca	cactcactga	cgagaagtct	540
gagttcgaca	tcattccagtc	caagtaccgc	atgcccgang	agctcaagtc	cggcacctct	600
gaagagctgt	gggaatacat	cgccgaatgt	ctctaccagt	tcctcgagac	acaccacgga	660
gactgcagca	aattgganaa	aatccttntt	gggttcacaa	ttcttgtacc	ccgncnccca	720
aaactacatt	cgacgaaggg	gtattcttca	acgaanggac	caangggctt	tgacatttga	780
cggggctgan	ggcaaaaacat	tgtncctatg	ttcnaggagg	ccttgaangn	tttaggggtt	840
cttttnaact	tggggggttt	atnaatgata	ttccccggcc	attgatggct	tcnctaccc	845
caaan						

<210> 234
 <211> 615
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

<400> 234						60
atgggggacg	caaaccacga	gcctctgcga	acttcaacga	caactacagc	caaatgcoct	120
cccaagctcg	accccaatga	gattcaaggtg	atccacctcc	gggcactcga	ttgggaggtc	180
gggtgcctctc	ctgctcttgc	tcaccaagatc	ggctctctgg	gtctttctcc	caagaaggctc	240
ggagaagaca	ttgccaaggc	tactgggtgac	tggaaaaggct	tgcgcgtaac	tgtnaagctc	300
accatccana	accgtcagga	tgtgtgttcc	gtcggtccca	ctgcttcttc	cctcatcctc	360
aaggccctca	aggaaccccc	cagggaccga	aagaaggaga	agaacatcaa	gcacaacaag	420
ctgtgcgcgc	tggacagagc	cattgagatc	gcgcgcacca	tggatgacaa	gtctttcgcg	480
aaggacctct	ctggtaacct	cagggagatt	ctgggtaccc	cctacagtgt	tgggtgcgag	540
gtcgatggca	agcctcccca	ggctatcctc	gaagctatcc	aaagcggcga	tatcgacatc	600
cccgangagt	aaattcggtc	tcttacgaaa	cccaatnccn	caaaacaaga	acaatagatc	615
cattgtctga	tgggtt					

<210> 235
 <211> 618
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(618)
 <223> n = A,T,C or G

<400> 235
 aaactgtatt ttgttttatt ttttttagcca gctctttctaa taaaagggtcc cttgcggact 60
 tgttctacca tgagctgagc tcgaagcgac tgatttccca tcttcaaaat gtctgtcatt 120
 ctctgtacag ctggatacga tcatactatt agattctggg aagctttatc gggatatctgt 180
 tcacgaacaa tccagcatcc cgactcccag gtcaatcgcc tttgtatctc ccccgacaag 240
 tgggttcctg ccgcgcgtgg ccccccacac gtcaagctct agcatatcaa atcgaggaac 300
 cggacccccc ttttgacctt cgaggggacac accggcaaca tccacggcgt agcctttcac 360
 tgcgagggaa aatggatggg tactagtttc gaagatggta ctggtaagat ctgggagacg 420
 aggactggat caattcagcg aagctataac catgggtgcc cagcaaacga tgtcgtaatc 480
 ccccccaacc aggggtgagat tatcagttgc gacaggtcgg gaagtgtcag agtgtgggat 540
 cttggnccag aacaaatggg cccatgagct cattccaaaa ggaagacgtc tcagtcctntt 600
 agcgtcaccc tagccagg 618

<210> 236
 <211> 649
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

<400> 236
 gagcattaacg tctacacgaa tcttgcgact cctcgatcag ttcaccatcc accatctatc 60
 tttccttcaa ctgaaagctt cttctcagct gaatttcggt atttccctt tcttttaaca 120
 acccttgaaa tctaaatcca ccaacttttag tcgcacaaaca ccgcaaaaat gggtcacgaa 180
 gatgtctgtct accttgccaa gctcgctgag caggccgagc gatatgagga gatggttgag 240
 aacatgaaga ttgtcgccgg tgaggaccga gatctcaccc tcgaggagcg aaacctttctc 300
 tccgtttgctt acaagaacgt cattggcgcc cgcctgtctt cctggcgcat agtcacctcc 360
 atcgagcaga aggaggagtc caagggcaac tcttttcagg ttacctcat caaggagtnc 420
 cgcagaaga tcgagggcga acttgccaa gctcgcaag atctctcgaa gtccctgaac 480
 agcaactgat tccctctgac aagctctggc aatcacaagg tttctacac aagatgaaag 540
 gtgactacca ccggtacctc gcgaattcg ccattggcga ccgcgaggg ctttgccgna 600
 agtccttagg cttaggggtc nttagttgcc anatgggttc ttcncncnc 649

<210> 237
 <211> 518
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(518)
 <223> n = A,T,C or G

<400> 237
 totccacgaa gcttttagaga agctcaccca ggacactcta cactcgtcca agcagatggg 60
 agctgtcttc totgacaagg accctnaggt gatggacagc attgagtgtc tcatgcacgg 120
 ctatgtcacg tggcacttgt gcgatcacag gtaccgttga atgagatcta cgaaaaagtc 180

aaaggacaaa	agaccgagga	cgctcagaag	ttctgcaagt	tctatgagca	gggctgctaa	240
cgctcggagcc	gtttcgcctt	cggagtgggc	ttatccacct	attgcgcaac	tggcaaaccat	300
tcggtccaag	gatgtgaagg	atgtgaagga	tgtgaaggag	attcagaagc	ctctgctgag	360
ctcaattgag	ctagtggaa	gaccgacggt	gagatggaag	tatgttttgc	gggtactcgc	420
taggagaata	ctggtcggtt	atcatgatta	caaatagctt	ggttatgttt	ttattagcat	480
ttacagttga	acaaggataa	ttactactga	aaaaaaaa			518

<210> 238

<211> 799

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 238

ctcaactcta	cctgccttac	tatctccaac	ctcaactatt	aatcccagca	aagctcacca	60
ccacaacccc	gccccgaata	acgccttaa	caaaaattact	cgggtagctc	aaattcatca	120
tgtttcgaaa	caactacgat	aacgattccg	tcaccttctc	gccccagggt	cggatattcc	180
agategagta	tgotgcagag	gcagtgaagc	agggctctgt	tgttgctcgt	attgctagca	240
agactcaagc	cgttctgtgc	gctgtcaagc	gaaatgcgca	ggaactctca	tcttaccaga	300
agaaactott	cacogtcgac	naacatgccg	gtatcgcaat	cgtggcctt	acctccgatg	360
cgcgtgttct	ttccaaactt	atgaagcagc	aatgcctagg	ccaccgactc	acctatggcc	420
gtgcacatcc	cctccgatcc	ctcgtcgaca	tgattggcga	gaaggcccag	atgaacaccc	480
agatgtncgg	caagcgacca	taaggcggtg	gtctcctggt	ttccggtggt	gaatgagcgt	540
ggtcttcacc	tgttcgagtt	ccagocctca	ggcatgacag	aagagatggt	tttttttgcc	600
atthggcgcc	cgaagccaaa	tgggccgaac	ataccttggg	cgcaacattg	attcctttgc	660
cgattgctcg	aaagaagact	gattcagcat	ggtctcaagg	ccttgaaaga	aagtctggtc	720
caggacaagg	acttttagta	ganaacacat	cgttcggcgt	agtgggcctc	aacatagtgg	780
aatggccagga	agaaggtcg					799

<210> 239

<211> 610

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(610)

<223> n = A,T,C or G

<400> 239

ggattctgag	gtcanggctg	agaagcaaaa	cactcgggtt	caagatgtcc	acgggttgca	60
tgaagccaag	gaanaactcc	aggaagtctg	cgagtttttg	aanaaccctg	agaagtttag	120
cgaactcggg	gccaagcttn	ctaaggggcg	ntccttggtt	ggtccccccg	gtactggtaa	180
gacgcttttt	gctcgagcgg	ttgcggngga	agccgggtgt	cctttcttct	acatgtctgg	240
tagnjagrrt	gatgagatct	ttatttattt	tggtgccaa	cgagtcgcgg	agctctttac	300
tgcctcaaaa	acaagtcggt	agccattgtc	ttctatcgat	aacttgagcc	ttttggaggg	360
aagcgttaac	ctagagatca	agcccacgct	aaacagacac	tgaaccagct	gcttacggaa	420
tttgjacggg	tttgatcaag	acagcaagat	cattntnatt	ggagccncca	acttgnccaa	480
agatgctgga	taangccctt	actcgtctct	gacgctttga	tgcacatgtt	aatgttgact	540
rgnccatttt	agaggcccaa	tcnccctttt	aaccccatgc	ccagaaaanc	aaagtttctn	600
ccgatgtccc						610

<210> 240

<211> 639

<212> DNA

<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(639)
<223> n = A,T,C or G

<400> 240
gggcagtttc ggcaagggtca tgcaggtgcg caagaaggac acgaaccgaa tctatgccct      60
caagacaatt cgcaaggcac acatcatctc gcgatccgaa gtcgcccaca cactcgccga      120
acggtctgtg ctggcgcgaga tcaacaaccc cttcattgtg ccgctcaagt ttagtttcca      180
gtcaccagag aagctctact ttgtccttgc ctttgtcaac ggaggtgagc tgttccacca      240
tttgcaaaaag gagcatcgat tcgacgtcaa ccgatcccg tttctacaccg ccgaacttct      300
ctgtgctctg gaatgtctac acggcttcag tgtgatctac cgagatctca agcccagaaa      360
cattctctct gattatcaaa gncacatcgc tctgtgcgaa tttggctttn aagcttgaca      420
tgaaggatga ggccgaactaa cactttctgt ggtccccca gratctggcg cctgagtgtg      480
tttgtcaagg taccacaaag agccgatggg ggaccttggg gtttgttaac aagtgacgg      540
gnetgencct ttntgatgga cctacgagat nnccgagatt ntaagctttt atttngangg      600
ggcccagtno aggntctaca acttttaccg atttaaaag      639

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<210> 241
<211> 623
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 241
ggcaggagaa ttgtgtggga cgaggatgtc ttgatttaca gtgtctggga tgacgaggcc      60
tcaggctcaa acctcaacgg ctacctgtac cttgatcttc accctcgtga caacaagtat      120
ggccacaacg ccaacttcaa cctggagcct ggttatgtca ccgaggatgg caagaagcac      180
taacctgtta ctgccctggg ctgcaatttc agcaagccaa ctcccaagaa gccatccctg      240
ctgaagcaac acgagggttg gacctgttc cactgacttg gtcattggtat ccacgacttg      300
gtgtgttgca ccgctacag ctacttcacg gaacctccac agtgcctgac tttgtcgagg      360
ctccatctca gatgctogag aactggtgtt ggactcccag cgtgctcaag tcactttcta      420
aagcactggg aaacaaagga gcaaattccc gacgagctta tcgaaaagct tggttctaac      480
aaagcgtctt taactcaacg atcggcgcac tttggacagc tagntattgg nctgtttgac      540
atgaactgnc acaattcctg agtctcacga aggttgtcaa gaaactcaaa cgcttggcgg      600
aacttgggaa cgaagcttng aca      623

```

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<210> 242
<211> 624
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 242
ggtatttctg ctgacgaac tctccatcg tcaattggcc tcgaatcgte acacaacccg      60
ctatggggac cagttattct cgaagtaggg ctttgggctc agctctatga cccggogaagc      120
tttctttcca ggttcgggac gaccaagpaa tctgtgtgtt gtcnaaaacg gctcgtcaat      180
atgtcgpaat gcccgaaggaa agcccacaac tgcgaaaggc ccttcgggac catatcgga      240
cactcaaggc tctatctgtc aacctgtgag acaagtacca aagcaagtct gacaacatgc      300
acgcctaagg tctctggttg atgggttgcc ttcccaaata cgtccagcag ttctccgtct      360
ggaaaagatga actcaacatc tacatctctc cgtcgggtgt ctacctgtc ttcagcttcc      420

```

tgaagtacaa	cactgctgcc	gagttcacc	aggtcagcac	agttactgct	gccgattacc	480
ccacgcgcga	ncaccgtttc	gaaattgtct	acaaccttct	ttcgggtccg	cacaactccc	540
gaatccgtgt	cnagactacg	ccgacaaggt	tctcctgttc	cagtatcact	gggctttttg	600
annggtgcc	actggtatga	ncga				624

<210> 243
 <211> 608
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 243						
gttaccgctt	gagatcattg	ccgcatactt	aactctctca	tactgggaag	aaagtcttac	60
tcgcgccatc	tttgtctcgg	cgttttctgt	actcatcctc	atcattaaca	tgtttgaggt	120
aaaaggctac	ggtgaagccg	agttcatatt	ctctataata	aaggtcattg	ccgtcattgg	180
atttatcctt	cttggtatcg	ttctcaactg	tggcggaacg	ccagacagtg	gttatatcgg	240
cgcccgcttc	tggcatgaac	ctgggtgctt	caataacggg	ttcaaaggaa	tgtgcaacgt	300
ctttgtcaca	gccgcattct	ccttcgctgg	cactgagctt	attggtctcg	ctgccgctga	360
aactgctaac	ccacgaaagt	cattaccgac	tgctttgaaa	caagtgttct	ggcggatcac	420
tctttcttat	attggtgccc	ttacgttggt	aggggctggg	ggtccatata	atgacccccg	480
acttaccaca	ggtctagtga	tgcantatga	ctgcgtcacc	ttttgntatt	gctattgaaa	540
aagcgggtat	ccaagttnac	ctttgggtat	gaacgcantc	attctttggc	ccgtctntnt	600
gttggaaa						608

<210> 244
 <211> 644
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(644)
 <223> n = A,T,C or G

<400> 244						
caaccaccaa	aataatcacc	aacctcacct	catctttgtt	tccacgagca	cccaaatttc	60
acaactacat	ctacagatta	tccacaaaaca	aacacgaccg	cattcaaaat	gtctgagtct	120
atctctgttg	agaagatctg	gctggcctcc	aacgacagcg	ccgtcatcga	agttgaccgc	180
gttgctcgtg	agcgatcaat	gctgatcaag	aacatgctcg	aggatgttgg	cgacgaactcc	240
atcacccagg	ccaaccccat	tcttatcccc	aacgtcaacg	aggctgtcct	ccgcaaggtt	300
atcgagtggg	gggaccacca	ccgaaacgac	cctctccagg	ctcaggatga	tgaatccgac	360
gttcgcaaga	agactacoga	catcgaggag	tgggaccaga	agtttatgca	ggtcgatcag	420
gagatgctct	ttgagatcat	cctcgcttcc	aactatctcg	acattaagcc	ccttctcgac	480
gtcggatgca	agactgtttg	caacatgata	aanggcaagt	cgcacagagga	gatccgnaag	540
accttinaaca	tcaccaacga	tttccccccc	gaggaggagg	agcagatccg	ncgtganaac	600
gattggggtt	gaaggaacgt	aagttgcttc	gtcttggctt	caaa		644

<210> 245
 <211> 820
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

```

<400> 245
cgacgagata atccatcaac gcgatcccca atttctcacc ctcatttttc ctttgccgggt 60
cttccttgat ctacctatto tcagggtcatt tcttctatto tttatctttc ttcttcaaatt 120
cgataccccc ccaatccccc ccataatggc aaccaaggga aacaagtact cggttatctt 180
gccgacatac aacgagcgca agaacctccc catcattacc tggttgttga accgcacctt 240
cactgagaac aacctcgatt gggaactcat catcgtcgac gacggatccc ccgatggaac 300
ccaagaagtc gccagcagc tcgtcaaggt ctactctccc cactctctcc tcaagccccg 360
cgctggtaaa ctcggtctcg gaaaggccta cgttcaagggt ctcaagtttg tcaactggcaa 420
ctttgtcacc atcatggacg ccgaattctn ccaccacccc aagttcatcc ccgatatggt 480
cgctcttcan gagaagggca actacgatat cgtcacgggt actcgctatg ctggagatgg 540
aggcgtcttt ngctgggac tcgaagcgaaa gttgtcagcc gtggcgccaa cttgttcgcc 600
gacactgtct gcgggctggc gtgagcganc tgacangcag ttcccgctctg tacaagcgtg 660
ctggcctgga gaangctatt gntaccacaa qagagtaagg gttacagggt tccaaaatgg 720
agcttatggt tcgtgccaag gntatnggct gnaactggcg cgaggttcca tttcnttgc 780
gaacgtttgt accggaagga agcaacttgg tgganaaaa 840

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<210> 246

<211> 657

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 246

```

aaagaagaag gatttgggta aaatcgnccc cactgtcgaa tgtcgatgag gttacagatt 60
ctgctttggc tgcccaaaac cagatcacca accggccccc tgtgatttgg ncaanaaatg 120
gttgaaaaag tgtgccgacg actcaaaaac tgccaactgg atttcggcca acaccaagga 180
atgccc aaag tgtaactega ccattganaa aaacggaggg tgcaaccata tgacatgccg 240
aaagtgc aag taogaattct gctggatgtg catggggccc tggtcggagc atggaactag 300
ttgggtabaat tgtaacagat acgaggagaa gaggggtccc gaggtcgtg atgccagggc 360
aaaatctcga acgtctcttg agcgtatctt acactattac aaccgctacg cccaaccatg 420
agcaatcggc caaactcgac agggatateg ctcaaaaaac cgaaaagaag atggncacgc 480
tttcagagtg ctccaggcat gttctggatc gaagtccaat accttaactt ngngtccca 540
ggttntttta accctgncgg aaacccttaa ggggacatat gcctttgnct tntatnttgc 600
cagaaacaan ctgncanaaa attttngang gtaaccaaag gcntgaatgg tnggat 657

```

<210> 247

<211> 476

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(476)

<223> n = A,T,C or G

<400> 247

```

gatgaatggg acattggcag catttggccat actctgacca accgcgcgca tggnnagaag 60
accatcgert atgttgagag tcattgacag gcccttgnng ganataaaaac gctcatgatg 120
catctctgtg atgttgagat gtacacbaac atgtcgactc tctcgccctt gactcctgtt 180
gttgatgggg gtaatggcct cracaanate atcggtcttg tgacacacng ncttggagga 240
gagggatata ttaactttga gggtaabgag ttgggtcaac ctgaatgggt cgaattccct 300
ngagagggga acaataactt tttttggtno gctcgacnac agcttaacct cacagatgat 360
ccntgtctcc aataaaaagt tctcttgacc cctttgacog ntttgatgaa ccaaacogan 420
ggccaantnc ggggtgggtgg nttgncctt agggcgtaaa tttcactgaa neatga 476

```

<210> 248
 <211> 711
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 248
 tcttttttgac cgtctcacta cctctcaact caacaagcat ttgaccagct atatgaaggg 60
 actaactgct aagggttttcc gtacctacaa cgcctccttc acaatgtcga ctctgctcaa 120
 caagcttgct agtgaccttc gctctcgagg tacggctgca nagaagggtga agctgtacaa 180
 cgattgcaac cgtgaagttg ctattctgtg taaccacaag cgaaccgttg gcgcctctca 240
 ccaqcaacaa atggccaagg taggtgacag gatcaagggt ctccgatacc agcaatggcg 300
 taccaagatg atgatacttg acattgactc gagctacaa aaanaagaagg gcgcgccttg 360
 gttcgagaag gatgaggagc tgaatgatga gtggatcaaa gatcaccagc agttcttgct 420
 cgaggaacag cgcacaaaga tccagaagaa gttcgagaag gacaatgaaa agcgccaggc 480
 tgacaaggag aancctctac ctgagaagga gctccaggac gactcccggc ttgtgaanga 540
 aatggaaccc atnttcatga aggggaacca gaaccacaga agtttggggc tgaaggccaa 600
 gccctnccgt tgacaagttt ttccagggtg ttgacaattc cataacntc agaccctgac 660
 tccnggcccc gatcttatng ttacaggagt ngtctcgccc cccaaatcaa t 711

<210> 249
 <211> 716
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 249
 cagnatcacc acgcbaaacc gacaagatgg gccgtcttca cagcaacgga aagggcattt 60
 ctgcctctgc tctcccttac tctcgatcct cccctgcgtg gttgaagacc acccccgagc 120
 aggttgctga gcagatctcc aagctcgccc gtaaggggtg cactccttct cagattgggtg 180
 tcattctcctg tgactctcacc ggtattgccc aggtcaagca cgtcactggt aaccgaatcc 240
 tgogaattct caagtccagc ggtctcgccc ctgagctccc cgaggatttg tacatgctta 300
 tcaagaagggc tgttgctgtc cgaaagcacc ttgagcgcaa ccgcaaggac aaggactcca 360
 aattccgctc cattctcatt gagtcccgaa ttaccgctct ggcccgttac tacaagaccg 420
 tgggtgtcct ccccccaacc tggaaagtac agtccgctac tggcagcacc atcgtcgctt 480
 aagcgaacat aaaaacgacg gctggccaag ttccgatgga agtgatgggt tcccggaatc 540
 cggagtttag gacaaattat ggggaaagct tgcatttaga gccatgatgc ttatgcgccc 600
 tatctgggag gaccgacagc gaagtcgacg gctcaataga aagctcttcg atcgtgcaa 660
 aaagcatgta tgcaatgggt acactaaacc cggtgacgat aaaattctta aacctg 716

<210> 250
 <211> 906
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(906)
 <223> n = A,T,C or G

<400> 250
 cagaaattga acccccacat cgtctctctaa tcttttaaag ttgcaaatca taagcagcgt 60

tactttcttcc	ctctcttttcc	ctctctctctc	cttttccaca	acctcatacc	atcatgcagt	120
ccgtcactag	agccgctcgc	gcttctgcgc	tgaagaacgt	tggccgcgcg	gcctactctt	180
catcgagta	cgccaagacc	atcaacaacc	tgcgcataca	cagcgatacc	aagggtcatct	240
accagggatt	cactggaaaag	cagggaaactt	tccacgctga	gcaagctatc	gaatacggca	300
ccaaggttgt	cgggtggaaca	aaccccaaga	aggctggcag	actcaccttg	gccttctgtc	360
ttcaagaacg	tctcanaagc	cgcaaggaga	ctgggtgtac	cgctactggt	ctcttcgtcc	420
ctcctctctg	gocgntgccg	gtatcgagga	ggccctcgag	ggcgagatcc	ccctcgttgn	480
ctgnatcact	ganggnatcc	ccagcatgac	atggttcgca	tcaccgacat	gcttcaagac	540
ccaggacaag	acccgtcttg	tggcccccaa	ctgcgcgggt	atcatcggcc	ccgaacaagt	600
gcaagaatgg	tattcatgcc	tggtttcatn	cacaagcgcg	ggcggattgg	tatcgtctnc	660
cgtttgggna	ccctgactac	ganggtgtna	accaaaccac	ccaagccggc	ctcggtaatn	720
ttttgtcgtc	ggtattggng	gggacccctt	ntccggnacc	aactttatcg	atggcttaag	780
gttttaccga	ggaccccaac	anogacgggt	tattatgatt	gngaaaaatg	gaggttccnc	840
cgaggaggat	ctcncgagtt	cttnaagcan	ggccaaaacc	gtnaacgggg	gnaanccggt	900
gtaact						906

<210> 251

<211> 699

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 251

cttcgacaac	ctcaccacaac	gactaatctg	gcttcaccca	cccaaccacc	caaccaatac	60
cgcaaaaaatg	gbcgggaggag	ttactgttcg	cgatgtcgat	gpgcagaagt	tcataactgc	120
ctactctgct	ttcttgaagc	gtcagggcaa	gcttccatc	ccctgggttg	gtcgacaccg	180
tcaagactgg	tcctgcacaag	gagcttccctc	cccaggacat	tgaactgggtc	tacgtccgtg	240
ctgcctctat	cgcgcgcac	gtctaccttc	gcaagaccgt	cgggtgcggc	cgtctccgca	300
aggctccacgg	taccgcacaag	aaccgcggca	gggtccctc	caagcacgtc	gatgcttccg	360
gtcccgctga	cggaaaaggc	atgcagttctc	ttgagaanat	cgggtgcctt	gagcaggacg	420
aaganaaagg	tgccgcgcgc	atcaaccagg	ctgggtcagcg	tgatttggac	cgtattgccc	480
agaccacgcg	tgaggccgag	gaggaggagg	atgacgagta	aattttgtct	tcaatcaaat	540
taactcgaaa	aaagtctggc	ggttcttttac	ccggtcaatg	gtagcaatgg	caatggattt	600
gggcgttggg	tcatagaatt	tgtcatgtat	gaatganatt	ccctgatct	ctgggtcatt	660
cggtttggtc	aaattggacc	cgtccaaactt	gtcgttcan			699

<210> 252

<211> 702

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 252

ggtcaacgcg	caagtgaacg	agtaaccagc	agtcgcccac	ttcttcaaaa	tgcctcccaa	60
gaagacccgc	acccgtgttc	cccagganaa	catctccctc	ggacccctntg	ttcgcgatgg	120
cgagctgggtc	ttcggcggtg	cccgatatctt	cgcttccctc	aagcatacct	tgcctccacgt	180
hacgatatctg	agtgcccggtg	agactatcan	hcggtgtant	gggtggataga	aggtcaaggc	240
cgacccgtgac	gagtcctccct	ccctacgtgc	catggttgggt	ggtcaggagc	tgggtgcggg	300
ctgcaaggag	cttgggcatca	acgtctcttca	catcaagatc	cgtgcccactg	gtggtaacgg	360
taccaaagacc	ccctggctccg	gtgcaccagtc	cgtctctcgt	gaccttgccc	gtgctggcat	420
gaagattggc	cgaattgagg	acgttacccc	tactcttcgg	actctacccg	naaaaaaggg	480
ggtagccggtg	gtcgtcgtct	ctgaactgct	taccttttgg	tggcttggat	tggacaggag	540

tttcgctatc	tggttttctct	gtggcggttga	gaatcacgaa	gagaacgggt	ttttcgccctg	600
gtcttcagtc	tacacttgca	aagcctggtc	aggttatggg	ttangacgca	ttagacagtt	660
gaaaattcgt	ccgaagaagg	cctattaate	attctgctcg	tc		702

<210> 253
 <211> 849
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(849)
 <223> n = A,T,C or G

<400> 253						
ctccatccac	atctatcttcc	tctctcagtt	aacgctgagc	ctgaccttgc	ttctgagact	60
gtctactctc	ccgataacat	aaactcttat	tcagccatgt	ctggttggat	ctactctctt	120
ccggcggttg	cgtacgccta	tgatgccttt	gaacctagca	tctctgctca	aatcatggaa	180
cttcaccact	ccaagcatca	ccaagcctat	gtgacaaaac	tcaacgcgcg	actcaagaac	240
tacgccaccg	ctacttcgtc	caacgacatc	gccggccaga	tcgccctgca	gtccgccatc	300
aagttcaacg	gcggcgggcca	catcaaccac	tccctcttct	gggagaacct	cagtcctctt	360
agctctccag	actccaagcc	cgaaagcgcc	cccacgctcg	gtgctgaaat	ctccaagacg	420
tggggcagca	tcgaggcttt	ccaagagact	ttcaagaaga	ctctgctggg	tctgcagggc	480
agcggctggg	ggtggctggg	caaggacgcc	cagggtctgc	gtgtcgttac	caccaaggac	540
caggaccctg	tcgtgggagg	agaagtgcct	atcttcngng	tcgatatgtg	ggagcatgcc	600
tactatcttg	cagtacctta	atgggaaagg	ctggttatgt	tgataacatt	tnggaatgtc	660
atcaactggg	angacggccg	aggtctgttt	caccggctcc	cgtgagggat	gctttcaaaag	720
gtcctggcgn	agcttcttnt	ttaaacggag	ttgacatatt	gaanaacgag	tttnnaaggg	780
ccaaccgact	cttnatacca	tagnccatct	cattttatttt	ngantggca	nattaaaaac	840
accacaatt						849

<210> 254
 <211> 906
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(906)
 <223> n = A,T,C or G

<400> 254						
ctgggaagaat	tcggggggcca	ggaattttttt	ttgaatagag	cttgatcatq	cattaaatcc	60
agcgcaagaa	atcttttttat	tcttttccct	aaggacccat	tcgatgcgt	tatgttaacc	120
tcattctgtc	gttaaccatg	agacagttag	aaatccttga	acaccatgcc	agggggccaa	180
actcctttct	tcatacgtt	ttaatgacaa	gcttacttgt	ggagcttgcg	ctggtagaaa	240
ggagctctct	caacctccag	gatgtaacca	tcgacacggc	cggactgacc	gggtcggtcg	300
gaaacaacag	cgtacaatcg	accggcctcg	aactgcttct	cgatggcgct	cttcgacctt	360
ggcgggggcca	gacatggag	cagctgtgtt	ttcttcaacg	gggttggact	tcttgacctc	420
ctcctcgggtc	ttgcctccct	tggtgggtctg	gggttctctg	cggttctggc	caagagcctg	480
acgttagtg	gcctcgtacc	actgtcggaa	gggagcggca	tcaacctgga	cgacggcgct	540
cttggttaggg	tgttggttcc	gacaaactcg	ttgttggaa	ggttggttagg	gaagggaatg	600
acacgggtct	tggggttcag	gccttcggaa	ccccaggcca	agttacggga	gtcgagacgg	660
aggggaagg	actgttggtt	accacctcgg	gttcggacgg	tgtggatgcg	cttgggggca	720
atagggtgtg	tggaacctcg	ggaacacagc	tcgaaagcgc	gcttctctct	gtatgaggca	780
cgcttggaac	cggaggggga	gggttggtgt	cgagagtcac	gogaaatacc	catgatttgc	840
gtttctgatg	atgttggggc	tcaccaggca	atogaattgg	cggatggctg	taggagtga	900
cttttt						906

<210> 255

<211> 593
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

```
<400> 255
cctcactcta ccagaaaaac atgtcttccg ctctcttcaa ctgggacccc gtggccaccc 60
cacctcgccc tccgtctccc gtccacaact tcggtaactct cgcggtccac gccggcgctc 120
cacatgaccc cgcacacgga gccgtgatcg agtctatctc attgtccacc acctttgctc 180
agtcgcgtgt tggcaaaccc gttggcgagt acgantactc tcgatcttcc aaccctaacc 240
gtaccaactt cgagactgct gttgctgctc tcgagcatgc caagtacgct ctgccttct 300
cttcgggctc cgcacacccc gccacattc tccagantct ggcgacggg agccatgtca 360
tttcggctct cgatgtctac ggggggtacc cggttacttc acccangtgc ccaaggccac 420
ggcgtcaagg tcaatttcc accagaaatc gaagtgcana tcgccgaaca catcactccc 480
gatactcgct tgatctggat cgaaantcct agcaacccac actgcgcctt gtcgatatcc 540
gaactgtcgt cactgangcc acaaacatgg tgttcttggt gttgttgaaa ana 593
```

<210> 256
 <211> 631
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

```
<400> 256
actttctaac gctggaaaca acaatcttag tgctctctct ttcgtcatcg cagcatccaa 60
cgtcggactc aagggtatcg actccttcat gaacgtcatc atcctcgttt ccgtcctatc 120
tatcggcggt tctgtgtgtg acggtggtag ccgaaccttg gtacgtttgt cgcagcaggg 180
ttacgcacct aagatcttct ctttcatcga caagtcggga cgacctcttc ccgtgttgt 240
ctctatcctc gcaattgggt cctcgggta tatcagtgtc aatggagaag gcactactgt 300
tttcatctgg ctacaggccc ttccgggttt gctgtgtttg tttacctggg gatctatctg 360
cctgtgccat attcgttnc gcccgctgg aaataccatg gccacacct cgacgaaatt 420
cccttcagca tgcctttggc gtttggggat cttggatggn ctcatcatca ttggtatcgt 480
cctcatcgcg caattctata ccgccatgac caacattgac gcatctcttg ggacngnaga 540
aggggtcttt caagctaac tggctattgc tngngggatc tatttatata atcgatcct 600
ttgnaatcg gaaggttga ngaanaacaa n 631
```

<210> 257
 <211> 645
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(645)
 <223> n = A,T,C or G

```
<400> 257
cttgagotta cgggtatccc ccttgcccc ctgggtgtcc ctcagatoga ggtctctttc 60
gagctogacg ccaacgggtat cctcaagggt tctgcccacg acaagggcac tggcaagcag 120
gagctatcca ctatcccaa cgacaagggc cgtctcactc ctgaggagat cgagcgcgat 180
gtcgcgagg gtgagaagta cgcgaggag gataaggcta cccgtgagcg catcgaggcc 240
cgaaaagccc ttgaqaacta cgttttctcc ctcaagaacc aqccaacqa tgaqgaqggt 300
```

cttgggtggca	agatcgatga	ggaggacaag	gagactatcc	tcgatgctgt	caaggagacc	360
aacgagtggc	tcgatgagca	cggcgctgac	gccacgcgcg	aggacttcga	ggagcagaag	420
gagaagctgt	ccaacgtcgc	ttacccccatc	acctccaaga	tgtaccaggg	aactggtgga	480
ctcttggtag	cgagaangga	tgacaacatc	cacgatgaag	ttgtaaagcg	ataaactgga	540
tgtttgggaa	aagaacataa	ataaaaaccat	tctggtgttt	ggttggagct	tccatgcccc	600
gtatgcaaaa	gtagataccg	caatgttatg	atgaattttc	agccc		645

<210> 258

<211> 702

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A, T, C or G

<400> 258

cttcgcttct	cttttcaact	ctttttctct	tttttcaaca	aattcttcca	aagaaagttc	60
ataatatcct	tccctattca	ttttactcca	ccatatcaaa	caatcatggg	cgttcaaact	120
gttgagttca	agcctttcca	ggaccagaag	cccggaactt	ctgggtcttcg	aaagaaggtc	180
actgtcttcc	aacagcctca	ctacagcgag	tctttcatca	ccagcattct	gctgtccatc	240
cctgaggggtg	ttgagggctc	caacctcgtc	attgggtggg	atggtcgcta	ctacaacccc	300
gaggctatcc	agctcattgc	caagattggc	ggcgataag	gagtcagaag	gctcattatc	360
ggccagaaag	gtatccttcc	tactcccggt	gcagcccatg	tcattccgtat	ccgcaaggct	420
actggaggga	tctctctgac	tgcacgacac	aacctcggtg	gtcccaagaa	cgacttcggg	480
atcaagtaca	accttgccaa	cggttggcct	gcccccgagt	ccgttaccaa	caagattttac	540
gagttctcca	agactttgac	ctcatacaag	attgcccaga	ttcccgatgt	cgacatcacc	600
actgntggga	ctcnaacctc	cgggggacct	gaggncgagg	ttatcgacag	caatggccac	660
tacqitgcca	ttgcttaagg	acatttttga	ctttgacctg	aa		702

<210> 259

<211> 567

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(567)

<223> n = A, T, C or G

<400> 259

tccgatactca	cttttttact	atctacttca	actaccatag	acagcaaaac	tggccgactc	60
acttaccgaa	gagcaagtct	ccgagttcaa	ggaggccttc	tccctgtttg	acaaggatgg	120
cgatgggtcaa	atcaccacca	aggagcttgg	aacctgatg	cgctctctcg	gccagaaccc	180
ctccagagtct	gagcttcagg	atatgatcaa	cgaggctcag	gctgacaata	acggcaccat	240
cgacttccct	gagttcctta	ccatgatggc	ggccaagatg	aaggacaccg	actctgagga	300
ggagatccgc	gancttttca	aggtttttga	ccgtgacaac	aacggcttca	tttccgctgc	360
cgaaatccga	catgpcatga	ctccattggg	gagaagctca	ccgatgacaa	gttgatgana	420
ttttccggga	gggtgcaaga	cgggatgggg	attcactaca	atttctccan	cttttcgata	480
naatanaaat	atatgggata	ctcncacaat	ctncgggtgg	ctctctttgn	ctccctccat	540
acacaatttt	tggctacaag	atgggtgg				567

<210> 260

<211> 613

<212> DNA

<213> Fusarium venenatum

<400> 260

acctgcggag	gaaacgggtt	gccccacggg	ccagttccant	gggtgccacca	tccgtgacata	60
------------	------------	------------	-------------	-------------	-------------	----

tttcccttggc	tcaaagactg	gcatecgttg	ctacgtcgcg	accgactctg	cacgcaagga	120
aaatcgtcct	ctcgggttcg	ggtagcacca	aacattcgca	actggcttac	caacctcgac	180
ttcgaccagg	atgactgcag	cttgaacctc	cggctgtgga	gttgcacgga	ggcttccaga	240
gaagcctgga	atgagatctc	ggccgccagc	aaccgccgct	gtcgcaaagg	cccgcaaggc	300
gaacccttcg	ttcaaggtec	tttgccacag	gtcactcggt	ggttggtgct	gttagctaca	360
ctagcagttg	cgaacctgcg	atttggtggt	acgccatttg	acatctacac	cctacggctc	420
acccccgatt	ttgaaacacg	caactcgcgt	ccttcacctc	taaccaggct	ggtggagatt	480
tccgcgttta	cgaacgccaa	ggaccccggt	cctcgtctcc	cccctctggg	ttttttggat	540
accggcacac	ttcccccgaa	ttactggttg	ttctggtttc	ggaagtttac	aaggttttga	600
ctacccctca						610

<210> 261

<211> 671

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(671)

<223> n = A,T,C or G

<400> 261

cctttcttcta	cgagccgcgc	tttttacggc	cattttaaag	accgaattcc	cgcgcgcgac	60
aacactcgaa	atbgaacccc	ccacctcttc	ttgagacccc	gacccaatac	ctagaatatt	120
cgacaatacc	gccaacatgt	cgtaaacaaa	ctgcgcgttt	tatgaggaga	agtatccgga	180
gacgcgatagc	ttcgtcatgg	tcaatgtcaa	gcagatcgcc	gagatgggtg	cctacgttaa	240
gctttctagag	taagatgaca	ttgacggcat	gattctgctc	tctgagctgt	ccagaagacg	300
tattcgatct	atccagaaac	tcctccgagt	tggtcgcaac	gaggttgctg	tggtactccg	360
tgtggacaaa	gagaagggtt	acatcgatct	ttccaagcga	cgagtctccc	ccgaggatat	420
cgtcgaagtgt	gaggagcgat	acaacaaaaga	gtaaagatgg	tccactcaag	tcctgatcca	480
tcttgccaag	gctacggaga	tccccctcga	gactctatat	caggccattg	cctggggccc	540
tgaacaagaa	attcggccat	gctctcgaag	cttttaagct	ctccatcacc	nacccttgaa	600
gtcttggaac	gacataacct	tcccgacgan	ggtactggcc	angagctnaa	gaaatacatt	660
ggnaagcgac	t					671

<210> 262

<211> 678

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 262

nccttaaggt	acttcagctc	ccgctcaatt	cttcttttttg	ctcttccctt	cttcatcttc	60
tttttatcttt	cccgctctta	atcaactctt	ttctgagtg	actccttttc	tctcgtcacc	120
caatagttag	acttccccgt	gtctgtctac	ctttagccgt	atccttttacc	ctcactttct	180
cctttccact	caactttcac	aatgggtgoc	aagggtacca	acggcgctcc	cgtcgatcct	240
gggtcatgga	agcattacaa	cgagggtctg	ttcctcttca	ccagttagtc	ggctgggtgaa	300
ggtcaccccg	abaagatcgc	cgatcaagtt	tccgaagcta	tctctgatgc	ctgccttcgc	360
gaggaccccc	tctccaaagg	tgtctgcgag	actgcaccca	agactggtat	gacataggct	420
ctggggagaga	tcaccaccca	ggccaagctc	gactaccaga	aggttgctcc	tgacgctatc	480
aaggacatcg	gttactgatga	ctgggcacaag	ggtttttgant	aaaagacctg	caacttggtr	540
gttgccatcg	agcagcaagt	cccccgatat	tgcccagggt	ctccactaon	aaaaggtttc	600
tgaacaaatt	ggtgctgggt	accanggtat	tattgttcgg	atttccaccc	acnaaacccc	660
tgagcttttn	cccccttan					678

<210> 263

<211> 625
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(625)
 <223> n = A,T,C or G

<400> 263
 ctgggaacct ctatgggttg cgtcgggtccc aagtcggtta tcgaggtccg tgatggcatg 60
 tccttcctcg acctttcogt tcgacagatc gagtacctca accgcacata cgacgtcaat 120
 gtccctttca tctcatgaa ctcggttcaac acaaacgaac gaacactgct gccattatta 180
 aqaagtaaga gggccacaat gtcgatatcc tcacctttaa ccagtcgccg taccctcgaa 240
 gtctacaagg actctctctc ccccgctccc aagggacaa cactctccca ttaacgagtg 300
 gtacccccg ggcacgggag aggtttcga gtctctgtac aactctggg atctctgaca 360
 agcttcttta tcgagggcat gagattggtt ttctgtccaa cgttgacaa ctgggggctg 420
 tgggtcgatc ttccgcattc tccancacat gatggagacn aacgcgaat acatcatgga 480
 attgacaaca agacaagggt atgtccaggg tgggtaccatt atcgatacaa ggctcgttcg 540
 cctgtctaaa tcgtcaggtt ccaaggactg ttaacaattc aattcctcaa gaattcantt 600
 ctcaacncca caactctggt cactc 625

<210> 264
 <211> 593
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 264
 gcgcgtcaac tcgtctctca ggtcctcaag ggtgagcagg gtgttcccaa tgtttctgtcc 60
 gctcccgctc ggggtttcta cgatgtactc tttaagggcc aaaagttcga gttccagcgc 120
 cccacaggaa agctatgtca tggaaaaacg ttctcttcaa ggtctcttac cctgccgagt 180
 tccactctca aacgcgcgtc gaggcctctg aaaaaaattc accacctcct caagtctcag 240
 ggcaagttct ctgcgcacat caagtccatc acttgccgaa ctacacgaag ttgcattcga 300
 attatcgaca agcagttcaa gcccatggac aactttgcgc accgtgacca ctgcattcag 360
 tacatgtggg ctactatgct cgttttcggc cgtcttgaa cccaccgacta caccgacggt 420
 ggtgaagctg ctactctctc tctcgtcgaa tctctccgtc aaaagatcaa gtgtgttgaa 480
 gatctctagt acactaagga ttaccatgaa cccaagctcc gaaccatctc caacgctctc 540
 accgtcnaac tcaacnangg taactgtctc natnaagtc cgtgtgaagg ctc 593

<210> 265
 <211> 553
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

<400> 265
 tacaagggtg tcaacttggt cgggtcaaga tgatggcgca gtgganaaca gttgcatctc 60
 ctgggtgtgg gaagcactgg tggctatggt accctatcg gtgtcatcgg cctgcatttc 120
 aagaaaagct actgatctcc gaaactttga agcattttgg aagtcggacc cttacactcg 180
 aattctgctc totggtattg aaaaagcacg aactgtttacc ttccgaaatg atctgaacc 240
 tgaatgggag gaagtccatc atgtgcccc ttaattctgt cgagacagac tccgcttqga 300

agtcattggat	acagaaaagg	ttggaaaaga	cgcagctctc	ggaatgattg	aactcttcgc	360
tgccgactat	gttgcccaag	atgaaactgg	cgagtatcta	gtccatgaca	agaaacaact	420
ccgggaagac	ggcttcgtct	ccacaacaag	ggcatcgcca	agggtagact	gcattacacg	480
gttgccctttt	acccttgctt	gaatgttgct	gaccttgagg	atgaagaana	agaagagaag	540
gagaaggaag	ggggagcc					558

<210> 266
 <211> 633
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(633)
 <223> n = A,T,C or G

<400> 266	
cgacctcgtc	acgggtctgga
tcctggcagc	cagaaccatg
tgccgtcaag	gtcttcaacg
caagggagac	aaggttcaac
acagactgac	gttgatcgct
cagtaccaca	ggtgccttcg
tgtttctctg	tcgccaaact
gncaccatct	ttcaaccacc
accatcacat	tctnaccacc
gcagatcgat	tttaacgaac
aaccantgt	ctgggnaatg
	gagtcctnan
	agc
	50
	120
	180
	240
	300
	360
	420
	480
	540
	600
	633

<210> 267
 <211> 520
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(520)
 <223> n = A,T,C or G

<400> 267	
ctcgagggtc	ccgacaaaga
gcacacccctg	tttttatoga
tcgatccctct	ggcctctatt
tgggctgnat	accaggaggt
gacggngaac	ttatttggtt
gaggaaattg	gcgaatcaaa
cancagtgaa	atntacogaa
atctatcggt	tnacacacac
gacacacac	caacngggtt
	gatggagggc
	gntttatcac
	50
	120
	180
	240
	300
	360
	420
	480
	520

<210> 268
 <211> 508
 <212> DNA
 <213> Fusarium venenatum

<400> 268	
ntttgggttag	tcattggagtt
atcatgttcg	agggtcagat
ctgcactcga	aggggtgtcat
gagggcaaga	tcaaaactgac
	cgattttcgga
	tttttggaa
	ctatcaanga
	ggcccagaac
	60
	120
	180
	240

aagcgaacga	ccatgggtcgg	aacaccatac	tggatggctc	ccgaagttgt	cacacgaaaa	300
gagtacggac	gcaaagtga	tatttgggtct	ttgggtatca	tggcgatcga	aatgatagaa	360
ggcgagccgc	catacctgac	cgaatctcct	ctgcgtgctc	tttgggtgat	tgcgaccaac	420
ggcactcttc	acattaagaa	tgagcaggac	tgtegccegt	tttcaaggac	ttcctctact	480
ttgccctcaa	ggtggacccc	gagaagca				508

<210> 269
 <211> 753
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 269						60
gctgggtgaca	tcattccgcaa	ggatggctcc	cgtgtttatac	tcattgaagaa	cccaacctgg	120
cagagtggagc	tttgggggtct	ttgggaaacc	cttcgcttcg	aaccttttgt	tgttcttctc	180
ttccccatgt	tcttctcttc	caactgggtt	tacgtctacc	aacagaattc	cgttaatggc	240
gcctacttca	acacccgaac	aaaggcgctc	aatggcctgc	tgtactgggt	ggctcagatt	300
attgctgcag	tcattctgggg	ttatctctct	gatctcgaga	gcattcaaac	taccactcgt	360
gccaaggccg	cgtgggttgg	tctctttgtc	ttgacctttg	tcattctgggg	tggcggatac	420
gctttcgaga	agacttacac	tgcgagact	gtcgtccag	attcagattt	tgctccgggt	480
gactggacag	actctgggta	cgtctggacc	atgttctctg	acattcttta	cggtttttac	540
gatgctgctt	ggcaagccac	catttactgg	tttatgggaa	ccttgtccaa	ctctggtcga	600
cgatctgcca	actacgtcgg	cttctacaaa	ggatcccaat	ctgttggtgc	cgcgtcgtc	660
aancatcttg	atgcaaagaa	gatntcgtac	cgatccgagt	tcattcagaa	ctgggttctt	720
ctttcggtc	tcttgcattg	ctgctctgn	cattctcttc	aagattaaag	accacgtaag	753
cactgaagaa	gatctcaagg	gcactgatga	aga			

<210> 270
 <211> 1041
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1041)
 <223> n = A,T,C or G

<400> 270						60
ctccatctgc	atgggtcgtt	ctgcgcgtct	calcggcgtc	ttctatacag	ttggaagcaa	120
ctcttgggat	aagcacgagt	actactatga	gggggcattc	agcctatttg	cttcctctcat	180
cattctctgtc	atgggtgctg	ctcttctcgg	tatcggaag	atgcagtcta	agtggcgcgt	240
caagtttagca	aaagctatcg	agtcctccat	caaagctggg	agtaagggtc	ggttcaagca	300
gtttgttgag	agatacgcga	tgtttgtctt	accctttgtt	acagtcctcc	gagagggaat	360
tgaggccgtt	gtctttgttg	ctggagtatc	tttctcagct	tgggccaagt	ctattctctt	420
gcttctctgt	gtcgtctctt	tgcctcattg	ctgtgttggc	tacctcttgt	acaagggttg	480
tgcgagtacc	aaactccagt	tcttctcttg	tctatccacc	tgcctcttgt	acatttgggtg	540
tgcaggtctc	ttttctaggg	ctgtatggag	cttcgagaa	ggccaaatgg	aaccaagtat	600
gtcgggtggg	aagcagacaa	gttcggtaac	gggcctgggt	cttaacgat	tgaccaaaat	660
gttggcatgt	taattgttgt	acctctaccg	acaagaattc	agaatggctg	gggcattctt	720
taacgtcttt	ttgggtcggg	acaaattcgg	ctacatatgg	ctctgtcatt	tcttacaact	780
tatactggat	ttgggtcatt	gctgggttca	ttatnatgg	cttcanaagag	acacatggta	840
ggtatccatt	cggaaggcca	aaggctcatg	ccaacgcgtg	tgatgatacc	cgagagttac	900
acgacctctt	cttcaaggaa	cgtcccagaa	aagaccacaa	cagcataatc	ggcatgagaa	960
agaagtatgg	gcaacgaccg	ggcttgtctt	gatgggaaac	tctgtacaat	ttcgtccacc	1020
tjacaacngc	gttataaggt	tatnctagtc	tacatccatt	ttaacaaagt	ctaataagca	1041
agtcttctgt	atattttgct	c				

<210> 271
 <211> 740
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 271
 ttttttcgtga atccttttttt tattecgcgat tgcattctata gcacaaccat ttgcaacgca 60
 acntccgggtg cccgacnntt caggggaaac tttccatttg ccctgatgct tatcacgctg 120
 aaaaaaatgcc agaaggttagg atagtcccaa cttaaaaactt ggagaacttc ttaacagact 180
 tggcgggttgg gggcagggaag cgcaggacgt tgaagtgga agtcttgcgc agaggtcggc 240
 atgggcaac ggttaacctga tcaacctctt ggacaaggaa agcgggagaa acgtgggggg 300
 caacgtttctt gtgtcgtctt tcgtatcggg agtacttggg gatgaagtgc aggtactcgc 360
 ggccgatgat gatgggttgg tgcattcttg tggaaacgac ggtaccggtc aagatacggc 420
 cacggataga gacgagacca gtgaaggggc acttcttctg aatgtagctg cctcaatgg 480
 cggctcttggg ggttcggaaa cccagaccga cgtccttgta ccatcgtcgg ccaccttgc 540
 ccggtcgggt ggacttggtc ttggctcttc agttcttgaa gatgtgaggc tgcttctgga 600
 aagcacgctc cgactggacg gtaacctcgg tcgccatctt gaattatcct tctcgggcag 660
 gtaccgtggg gaaatggcgt ataggttgag ctgggagggc gaggttgaga ctgctaaggc 720
 ggacagtagt tttctctgat

<210> 272
 <211> 664
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 272
 gtgcacaatc accacacagc gtgcgccatgc ctaccctgtt gtccaagacc cgcgaagcacc 60
 ggggcacagt ttccgcccgt aagggacgtg tcggaaagca ccgcaagcat ccgggtggtc 120
 gtggctcttgc tgggtggtcag caccaccacc gtaccaacat ggacaagtac catcccgtt 180
 acttcggtaa ggttgggtat cgatacttcc acaagcagca agcccacttg tggaaagcca 240
 tcatcaacct cgacaagctc tggctctctg ttcctcagga gaccctgac gctacgtca 300
 agqctgagaa gaaggacac gtcccccgtcc tngacctctt cctnttggg taactcaagg 360
 ccttcggaaa gggccgtctc cctgagatcc ctctggctgt ccgcgccgc tgggtcaacc 420
 gcttttgtg aaganaaaat caaacaggcc ggtgggtgtg ttganctcgt cnettaaacn 480
 naacatccaa ctgttctgta aatcttgaag antcnggtgg gcttgtntng gaaattctac 540
 aaacggaaaa naaaancttt tccaccccng ngaaaaanaa acctgccggc cctggaaaaa 600
 aaaaggtctt cctnccctcc ggaaaaaang gccanggaact aagtccgcnt cgggtttggg 660
 salt

<210> 273
 <211> 801
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

```

<400> 273
ggttttacaac gagattgccc ctcgcttgga ggagaaggac gactacgacg atggcagtta      60
cgggtcccgtt ctagtccgtc ttgcctggca cgctagtggc acttacgaca aggagactgg      120
tactgggtggc agtaatggag cgaccatgag attcgctcct gaatctgacc atgggtgccaa      180
cgccgggtctg gctgctgccc gcaaattcct tgatcctgtn caaggaaaag ttcccttgga      240
tcacctactc tgatctctgg atccttgccg gcgtttgtag aatccaggag atgcaaggtc      300
ccgttatccc ttaccgacct ggccgttccg accgcgatgt ttctgggttg acccctgatg      360
gtcgtcttcc tgacgcttcc aagcgccaag atcatctccg aggtatcttc ggccgcatgg      420
gcttcaacga tcaagaaatc gttgcactgt ctggtgcccc cgctcttggc cgatgccacg      480
ccgacccgat ccggctacag tggtccttgg actttctctt ctactgtcat gacaaatgac      540
ttcttccgtc ttcttggtga ggagaagtgg cagtggaga agtggaacgg gcctgctcag      600
tacgaaggac caagtccacc aagtcctca tgatgcttcc cagcgacatt gctcttattg      660
aggacaagaa nttaagcatt gggtcgagaa ntatgccaag gacaatgacc tttcttcaag      720
gactttctaa cgtcgtcttc cgactattcg agctcggcgt tccttttgcc cagggcaccg      780
agaaccaacg atggaccttc a

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<210> 274
<211> 638
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

```

```

<400> 274
ggcatctaat aaagcgaltc ggttggggcga ggagatctgg aaaacccgaa tcgataaggt      60
caacgcggag ctcgtaactc tgacgtacgg aactatcgtc gcacagctct gaaagatta      120
cgaaagcgat tatgcggagg tgaataaaca gctcgacaag atgggctaca acatcgagact      180
ggggttgata gaagactacc ttgccaaagtc caacaccatg aagcgatgag ccaacttccg      240
ngaaacagct gagatgattt ctcgtgttgg gttcaagatc ttctcaaca tcaactctca      300
agtcctgaat tggacaagcg aaaatgacca gttctcgctg gtgtttgaag agaaccctct      360
ggccgacttt gtcgagcttc ccgacgatgg acgagcgcaa gaccagctnt ggtactccaa      420
cattctatgc ggagtgcctac gaggtgcact gganatgggt caaatgcagg ttgaggctca      480
cttttgtoag tgatgtctta cgaggcaccg aaagcncaaa gatgagggtt tcgcttattc      540
gatacctcga cnacaaattg cncctgggga tgactgagan ggttaanagg acncttatt      600
ttccaaccgt gacaccaatt tggcnctttg ccaaaaana
638

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<210> 275
<211> 726
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

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<400> 275
gaacgggttg actatgttga cccggccatag atttcccttga cctccacaac atcaaccatc      60
aacttgaatc tcttcatttg aaacaggaca agttcttctt gagcttctgt ttctaattta      120
atccgatttc gaacatcaac accacgaatc attcacaatg tcggccggcg cacaagatcg      180
acacattacc atcctttgtg acaatgggtc ggctttacca agttgagtag gccttcaagg      240
cgatccacag ggccaaatc atgtctgtcg gtgtgagggg caaaggactgt gctgtctctt      300
tgtcgacaga gaagggttcc gacaagctta tggacccatg ttctgtcacc cactcttcc      360
agctctctcc ttcagttggg tgcgtcatca caggatccat ccgggatgac cgagcttttg      420
ctcaaaagag tcaggggcag gctgcgcagt ttgatataaa gtacgggtac gagatgccag      480
ctgatgcctt ggccaaaggt cttggcaaca tcagccaagt ctacactcag cgggcttata      540
tgcgacctta cggcgttgcg accacactga ttctgcttga ctgggaatac ggccccaaact      600

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cttcaaatgc gaccctgctg gatactacat tggttacaag ggaactgcag ctgtgcccga	660
agcaacagga ggcgctgaaa ccaccttgag aagaagctcc gcaacaagga ccaccogaan	720
ggttct	726

<210> 276
 <211> 579
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

<400> 276	
cttgaagagc gattgggagc taatggctca gctgaactca aggggacatc attcttcaat	60
gctattgact ggaggaagtt gcttcagcgc aagtaacgagc ctacattcaa gcttagtggtg	120
gcgcacgctc tggacacaac caactttgac cccgaattta catctgaagc gcccgaagat	180
tcttacgtcg acggccccat gctgtcacag acgatgcaga atcaattcca aggattcagc	240
tacaaccgac cgattgctgg acttggagat gctggcggca gtgttaagga cccgtccttt	300
gttggtagct tgacggataa ccgataaate ttgccaaaaga cggaaggcag aagttagaca	360
gcgagcgggc tcgagtctga actggctcga ctcaactcagg caggacgcca gtctttttgc	420
cagttaaaag agccatgtan ctgggaggcg tgggaaacac tggtcagcca tganaagcac	480
agcacaaaac aaaataagtc tgggaaaate tagaggatgc ngatgaaaat gaatgtaaat	540
aaaaanccta cttttgtttt tggcgtgttn ggagttttg	579

<210> 277
 <211> 611
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 277	
ccgcgcgacaa accagccaac cgacacaaatg gccgcgggaa tcaagaagca ccagaagcgc	60
ctcagcgcgc cctcgcaactg gctgcttgac aagctgtccg gcacctacgc tccaaagcct	120
tctgcgggtc ctcaaaagct ccgcgactgc atgccctga tctgtttcat ccgtaaccga	180
ctcaagtatg ctctcaacta ccgngagacc aaggccatnc tgatgcancg actgggtcaag	240
gtcgaaggca aggtcgccac cgattccacc taccctccg gcttnatgga cgtcaccacc	300
ntcgagaaga ctggcgagaa ctcccgtnnt gtctacnaca ccagggtcn attcaccgtc	360
ccacgaatcc agaacgagga ggccgagtac aagctgggca aggtcaagcg tgtccaaact	420
ggtcgcggng gaatccatt nttggtcact cactatgcac aaacgtgagt tntgtcanac	480
atnattcagc cgggtggatna actttggncg attcaagtc ccacaaagac angagcttn	540
cttaacnggt gtntgtacct cccaaaccgc ttggtnacna aaaatttttt acattcgatc	600
cccgaccctt t	611

<210> 278
 <211> 405
 <212> DNA
 <213> Fusarium venenatum

<400> 278	
gctggaattg ccaaaagcgg tgccttgccc ccggatctgt ctctcattcat caaggcccg	60
caagggtggct gtgaatacat ctccagcttg ctcaactggtt accccgagga ggctcccgct	120
gggtgtcagg tgcggccggg catgaatttc aaccttact tccccggtag cggtatcgcc	180
atggctcgtg tcttttaaga tggctctgtc gagtatgagg atggaactcc cgcaccacc	240
tctcagatgg ccaaggacgt cgtcgagttc ctcaactggg ctgcgcgagcc tgagatggac	300

gaccgaaagc gaatgggcat gaaggttctg gttgtctctg cctccctgtg ggctgtcagt	360
gtctgggtca agcgatacca aaagttttgg gggggggggc cccc	405

<210> 279
 <211> 999
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(999)
 <223> n = A,T,C or G

<400> 279	
cttcaactcg caacagtgat cggcctctcg ttgcgcaata ggctgtttct ctattttcct	60
an t gcttcg agtcccttg gctgggagt atctttctgt aaaagcgccc gacgagagcg	120
ccccctattc ccccgccatg aaagttttga agcttcagag gaagtttctt caattccaac	180
aaaacgagat attcaccttg tccgatgcct tccagcgact tgatgttgac gacaagggat	240
accttgacga agctaccgcc atcaaggcca cgcaacagag cgagaaccag cctacgatg	300
tcttacgcca agcgctaaag gaagtgcagc tgcattcatc acgacgtgtt gagctggaag	360
attatgtcag cctcgtttgc aaagctccgc attcctaacc tgctcaaaag cgcattgtcc	420
cagggcctac ttcatacctaa gggagtggaa gaggcgtcgt tgcacagcga accgggtggtc	480
atgcctccaa aggcagetta agcggcaaga tccaggttcca aggtccaat gccaacatta	540
ctcacactat caatgaggat gaggcgactg agttcaccgc ccacatcaat gctgttctgg	600
ctggtgatgc cgatatcgac agtcgtctgc cttccccaca gatagcttcg aaatgttcga	660
cgaatgcaag gatgggtctgg tcttgcccaa actgatcaac gatagcgttc ngacaccatc	720
gacgaacgtg ttcttacata cctggcagga aatcaagaac cttcaatgcg ttccacatga	780
gcyagacaac aacattttgta tntgatnttg ccaaaagnata ggctgttccg tctgcacaat	840
tgtgcggntg catattgngg cagagagcat ntatcttggg ntggttggag aatttntacg	900
aggtcttttg naanacgaat tancccccc tgggtttccc ctgnttgcag gcnaaaacttn	960
ggagtttttna atacttcggn gaatttctnt ntggttaan	999

<210> 280
 <211> 606
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 280	
ctcgagcagg ccaagaaggc tttccccgac acaacgctgg tcttcggcgt cacaggcgat	60
catgaaacac acaagcgcaa gggtttgact gtcattgtct cctctgagcg tgccgagacc	120
ctccgtcaact gcaaatgggt tgatgaggtt atcgaagact gcccatgggt cgtcactccc	180
gagttcctcg acggaacaaa gctcgattac gttgccacg acnatctccc ctacgggtgt	240
gaagaaggcg acgatattta ccagcccatc aaggccgctg gcaagttcct tgttactcag	300
tgtnacagagg gcgtcagcac gactggcctc attacaagaa tctgtcgtga ctacganaag	360
tacattgcta gacagttcaa gggcggtaca tcccgtcagg aacttaacgt cagctgggtg	420
aagaagaacg aactggacct caagcgtcnc gtccaggacc tgcgagagaa catcacaaaa	480
caattggtrc actactgggc aagaactcgg ccgganctg aagcngttct ggctgtcag	540
cggtctcaa agccttgccc ggtttaacag ctgggggtac cccgaagga ctggttcccc	600
tacgaa	606

<210> 281
 <211> 711
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

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<400> 281
cgacttaacc ccccttcca acttttctc gatacacata gaaatcttcg aggatcgccc      60
gacgagaaaa aaatattcaa gatgtcggac gtagaagaca acacccccga ggctcgccgat      120
gttggtgagg ttccggcgga tgcccccaag ggccagatgt ccattctcga tgctctcaag      180
ggtgtcctga agctctctct catgcacgat ggtcttgctc gtggtctccg tgaggcttcc      240
aaggctcttg accgtcgcca ggctcacatg tgtgtcctga acgagaactg cgaggaggag      300
gcctacaaga agcttggttg cgctctctgc aacgagcaca acatccctct cattcagatc      360
cccgacggca agcaagctcg gcgagtgggc cgtctntgct gttctcgacc gtganggtaa      420
cgctcgcaag gttgtcaact gctcttgctg cgttggttaag gactgggggtg aggagtctca      480
ggagcgatct atctctctga actacttcca gaccgagcag taaatgtctt aagcggcggt      540
ggatgtgagg atgattagag gtgaggactt gggttctatga cggcttgaca catacgtact      600
gtactctaga cacttcgact ggcattctaaa acggttttaa ggccttaagt ctcatggcca      660
ttgagaggaa taaaaaaaaa ttgggcatca tccgaaaaaa aaaaanaaaa n              711
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<210> 282
 <211> 2409
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(2409)
 <223> n = A,T,C or G

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<400> 282
cgaccccatc totatcaatt gatccgtata ccacgatcaa ttggggccacc gttggcgagag      50
gctctttctc taagtcacca atcctcagtc aagatgttgt cgcgagccgc cagaccagct      120
ctccgagctg ctgttgagc taatgtctcg gccactgccg tccccagcac cgctgctacc      180
tatcgagact tccgtgagat cgaggaccgt ctcaagtcta tccgaaacat cgagaagatc      240
acaaacacca tgaagattgt cgctccacc aagctcaacc gagctcagcg cgccatgaac      300
gactcccgca cctacggaca gacctctaac gaggtttacg agtctgccga gaccaaggct      360
gtcgagaccg aggacaagaa gaagctcatc attgtctgct ctcccgataa ggggtctttgc      420
gggtggtatc actctgggtc gtcccgatc gtcccgccgc tctntgccag ggtgagacct      480
tcgacctcgt ccttattggc gagaaggcca aggctaagct tttccgaacc aacgcccaagg      540
ntattcagct caacttcgct ggtatcggaa angggtgttc ccacctttgc cgacgccccca      600
agccattgac gaccagggtc tccagctccc cactgagtag actgatgtaa agatcctgta      660
gaacaatttc gtcattgctc agacctacga ggcttctatg attgaggcat tttctgagga      720
ggctatccag cagtcaccca acttctccgc ttccgangtt gacnacgaag ttgacggtgg      780
caactctcca gccagagtag agtcaagcca agctgcccac ctacatggat agctaccatg      840
cggatgggta atgctctctg agtcgcaacc aagcctgccg acaaaaactgc taaggataac      900
gcctccagga gaacaagcac agtgatatgn tattcaacaa gaaccagatt cttttcaacc      960
gattcagcat gagatcgacg gaaagcagct caacacttca gagcttgaga aacagttcaa      1020
gcacgtctac gaggttgccc agcgtgttcc tgcgtgttgg gctctcacct cagagaaccg      1080
agacatctgg acggaagctc gtgatactct gctcaaggca agcccgaaaa acaaggacgc      1140
gttcgagggt atcgagtcac cctcatttgt ggtttgcttr gacgaagcat caccggtcac      1200
tctcgaggag cgtgcccacc aatactggga cggcgatggt gccaacgctt ggtatgacaa      1260
gctctctcag ttcatcatca acgataagg caagtcttgg attcattggg ccaaacactct      1320
atgatggaag ggaactccac tcctcgcttc aacgaattac gttnaacgat cttatctctc      1380
ggaaacaaaag ctcgacttct cttgacccca acattccgct caaacctaac cgaacctcag      1440
cttgctcaagt ttgagatcac ccangagtc cagacctctt cttcacaaga tcttccacac      1500
ccacacacaa aatgtctgct cctgctctcc gtctgggctc taccgctccc aacttccagg      1560
ccgagaccac aaagggaaac attgacttcc acgacttcat cggcgacagc tgggtcatac      1620
tcttctccca ccccgaggac ttcactcccg tctgcaccac tgagctcggt gctcttgcca      1680
agctccagcc cgagttcacc aagcgcaatg tcaagctgat tggctctctc gccaacacca      1740
tcaggtctca cgagggatgg atcaaggaca ttggtgaggt taccgggggt aacgttgagt      1800
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tccccatcat	tggcgacaag	gagcgcaagg	tttctctcct	ctacgacatg	atcgaccagc	1860
aggatgctac	caacgttgat	gagaagggca	ttgctttcac	catccgatcc	gtcttcatca	1920
tgcaccccaa	gaagaccatc	cgcaccatct	tctttctacc	tgccttcacc	ggccgnaacg	1980
ccgncgaggt	cttccgtgtc	atcgacttcc	ttcagaccgg	tgacaagtac	cggatcacca	2040
cacctatcaa	ctgggtccct	ggtgangaag	tcattgtcca	ccccctccgt	caagaacgan	2100
gaggccaaga	ctttgttncc	tgagttccga	tgcgcaagcc	ttacctttga	ttnacccctn	2160
ttgccaagga	gaagggtttc	ccccagtaaa	ttaattatat	tttactacaa	agggacacag	2220
caaaaagcat	gagaanttta	tgataccttg	canatagacc	gaaaaaggat	tgaaagggtc	2280
attgggaagt	tgggattagt	acatttggac	acacatgatg	gaaagaccag	ttttcccata	2340
tagatcatte	acaacttgag	ccatctgcga	ttgctctgaa	atgaagaata	aatgaagaaa	2400
tgaaccaan						2409

<210> 283

<211> 614

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(614)

<223> n = A,T,C or G

<400> 283

cgacaacgaa	acatttacgac	tcaagacggt	tgaccaacgg	atcgctccgtc	ttcctacaac	60
ttcgaaacaaa	ttacctaaaa	aatcggcata	atggagtttg	gtaacgctgg	agtgttgaat	120
gaggatggta	tccatgtaga	tatggatcgt	ctcaagaagg	gagaggtcaa	cctgggaaca	180
tcgattatgg	cagttacttt	caaggatggg	gtcattcttg	gtgcggatcc	acgaacaacg	240
acgggtgctc	acatcgcaaa	ccgagtgaat	gacaagttga	cgagagtaca	cgacaccatt	300
tgggtgctgcc	gatctggctc	agccgcggat	actcaggtcg	tgcgcgatat	tgttcaatac	360
cagcttgggc	tgttcgccat	gaaccaagg	aaacctccca	tgacacagac	cgtgcggttc	420
aattcttccaa	gaaatttgtt	taccccaaca	aggacggctc	atctgpcggg	ctgattattg	480
ctgggttggaa	tgagcgaatc	cgtggccaat	ctactccatt	cctctgggtg	gtctctctcc	540
caaccaggca	tatgccattg	gtggatccgg	atcgacttac	atctatgggt	tactggtaat	600
cccactngcc	aaag					614

<210> 284

<211> 1036

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1036)

<223> n = A,T,C or G

<400> 284

ccgtgatctgt	ccaaaatgog	gttcagttctc	atcacccggca	gtttttctggc	gtctgggtctc	60
tttgnogagg	ctgggtttcaa	ccaggggggc	atcaaaagcct	tcaacccgtcc	tcaccctcgt	120
ttttaacnacc	agaaacccgc	acctgtccct	ccaaaagccgt	tttttgaaaa	gagagccaag	180
ctcaag	tgaaacaaaa	ttcagannag	tttgcantaa	acggatctcgt	tattcccgaa	240
gtggatttccg	atgntggaga	gtcttatgtc	ggactcttgc	ccatctctca	agaccctgat	300
gaggagaggg	agttattctc	ttgggttcttc	ccaggtancc	atcccgatgc	tgganaagag	360
gtcttgatct	ggttgaaagg	cggcctggat	gtaattcaat	tagegggttc	tgactjanaa	420
tggctccttn	ttgnaggcag	aaggcaactc	ttgctctctg	agccaaactca	tacaggttga	480
ccaaacccga	caagggtcatt	ttggattgaa	cagcctgtcg	gtgtaggcta	cagcccaagg	540
cgagcccccac	atcaccacag	aaagtagaac	ccggccttca	attcatttgg	ttgtggcgca	600
cccttttccga	caactttgat	tttaaagggt	ccacaacctc	catcacccgc	gagtccctatg	660
cgggtactca	tgtcccttac	attgccgaag	ccttcacac	agctgccgat	gatgaactac	720
acaagcttgg	cgggtgttgc	atcaacgacc	aatcatttgc	gatggcacac	ttcagcagca	780
agctgtcaltc	ctcccccctca	ttgaglnctg	ggagaagttg	ttctacctca	atgagaacac	840

aatgaatgca	ctccgctgga	cacatcagca	ctgtggatcg	acaagtatct	tgagaagtac	900
ggacttcccc	ccgcccgaag	gaaattccgt	cctgccgac	ctatctggac	caagaatacc	960
ttgtgatatg	ttgantgggg	tacgcgctcc	ttgacaaaac	ctgcttcaca	tctatcaatc	1020
atgatatggc	ctacac					1036

<210> 285
 <211> 627
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 285						
catcaagctg	gatotttctca	ttaccgaaaa	cctctttctac	gaccgcaccg	caacaagaat	60
ctttgatctc	aagggttcta	tgcgtaaccg	caagatccaa	tctactggtg	agcaaatga	120
ggctccttctt	gacgaaaaaa	tggtcgagta	catctatgag	tcgcctctct	ttgcaagaga	180
acattcaaag	aaactactcc	gtgcttcggg	atggaaacgat	acactgttct	tggaagaca	240
gaacgtgatg	gattactccc	tcatgattgc	tggtgacgag	gctcgtaagg	agcttgtggt	300
tggtatcatt	gactgcattc	gtacatacac	atgggacaaag	aagctcgaaa	gttggatcaa	360
agatcgtgga	tttgacaggtg	gaggtcgcaa	tcgaccactg	ttacaagtec	aaggaatata	420
agtctcgttt	cagagaggtt	atggcaagat	catcttgacg	gcgcccaact	gctggcattt	480
gttcaacaat	tctcaatatt	cgcactact	attggcgccc	taggttcnaa	aaagcccgaa	540
atgctttcgt	tgaagcaatt	tnttaaagac	anataagaaa	nggggaaaag	cncccatgga	600
agaaagaggg	ttncatgccc	ctcatga				627

<210> 286
 <211> 669
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(669)
 <223> n = A,T,C or G

<400> 286						
actcgatoga	ccctgagcaa	ctggaccgoc	aaagttgccc	atcatgtcgc	tcgtctcggt	60
agagaagtgc	aatttccagt	tcattctccg	tcttctcaac	accaatgttg	acggaaaagca	120
gaagggttatg	taagccttga	ccaagatcaa	gggtgtcggt	cgcgcatact	ctaacttggg	180
ctgcaagaag	gcagatgtgc	atctgaacaa	gcgcgctggt	gagctcacct	ccgaagagct	240
cgagogaate	gtcaccatcc	tcacgaaccc	caccacgtac	aagatcccta	catggttcat	300
caaccgacag	cgcgatatcg	tcgatggcaa	ggactcccat	attcttgcca	acgggtgtga	360
ctccaagctc	cgtgaggatc	tcgagcgcc	caagaagatc	cgcgctcacc	gtggtctccg	420
adaactactgg	ggctctccgtg	tcctgtggtca	gcacaccaag	accaccggtc	gccgtggcag	480
gacggtcggt	gtctctcaana	agaaggggtg	ttaaactatt	tatcggtggt	ggttatgggt	540
ggaagggtgt	gacgggtggt	ttctccatct	ttctccatct	tctgagggat	ttgctttcca	600
gcatatgag	ctatggctgt	actctagatc	agagtcacga	atccaaaagca	ttcaagtaaa	660
aaaaaaaaa						669

<210> 287
 <211> 778
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(778)

<223> n = A,T,C or G

<400> 287

cgcccccttt	aaattgattg	tctctctgtt	ttccatacta	cttcctttct	tcctcgacat	60
tccatttcat	cacataaaat	cgaaataatg	tctaccgttg	gcaagcccat	tacctgtaag	120
gccgctgtcg	cctgggaggg	cggcaagcct	ctcaccattg	aggacattga	ggttgctcct	180
cccagggcca	acgaggtccg	aattcagatc	tactacactg	gtgtttgcca	cacagatgcc	240
tacacactct	ctggcaagga	ccccgagggg	gcttttccca	ttgtctcgga	cacgaagggg	300
gccggtatcg	ttgaattcat	tggcganggc	gtcaccaacg	tcaagcccgg	cgancacgtc	360
gtcgtctctt	acacccccga	atgtaaggag	tgcaagtttg	naagtccgga	aagacaacct	420
tgcggtaaga	tccgagccac	ccaggcaagg	gtctgatgcc	cgatgcacct	ntcgattcaa	480
gtgcaaggca	aggatctgnt	ttacttcatg	ggcacttcca	ccttttccaa	tacaccgncg	540
tgcgcgatat	ctntgncggt	gccattgagc	acgatgttct	atggaccgaa	cttgntgntc	600
gggtgnggaa	taccnccggg	acgggggttg	accataaccg	caacggtcag	gttggganaa	660
cgttgccatt	tttggggntn	ggtgggtcgg	ntrttaaatg	tcaagggggc	cgtgttnnaa	720
ggtggnaaaa	tatctgttga	tgtaacccnc	aaaagggaag	ggngaaaatt	gggggttt	780

<210> 288

<211> 608

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(608)

<223> n = A,T,C or G

<400> 288

cttgcttact	gtattgtgca	attcctggaa	aaggacgcat	ctctaactga	agatgttggt	60
attggaactc	tgcgttattg	gccccagggtc	aacagcacaa	aagaggtcat	gttccctcaac	120
gaagtcgaag	atatttttga	ggttatggat	cccgcataat	tcnccaaggt	tcaagaacct	180
ctgttccatc	agctggccaa	gtccgtancc	agccctcact	tccaggtggc	cgagcgtgcc	240
ctttatttct	ggaacaatat	gtatttctgt	aaccttgcan	cgataatgtg	gagattattc	300
ttcccatact	gttngctccc	ctctatgana	actcaaaggg	tnattggaac	agaacaattc	360
atgggatggg	ttataatgcc	atgaanctct	ttatgganac	aaccttcaat	tgtttgacga	420
ctgctcccat	gagtnacagg	aacagcagaa	cagtgccttg	ggccnccaac	ccttcncgag	480
cgtaaatggg	ctgntctgag	tgaaaagcga	accncctaaa	aaaagcaccg	naatgggggtc	540
nttatncccc	tgttaaanac	cctatgcctg	ngtanacaaa	aacaccccc	cccngggaca	600
atttgaag						608

<210> 289

<211> 576

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(576)

<223> n = A,T,C or G

<400> 289

gaagtgtgatg	gtgggctctt	tggagccgtg	agctctccta	ctcagggcgt	caaggggttac	60
tcataaccca	tgggtggcct	ggcgaagaag	ctcgatctct	acgcacaagt	ccgaacctgtc	120
aaaactgtca	tgacccgggc	taagcctatc	gacatgggtc	ttgtccggga	gaacacccgag	180
ggtctctatg	ttaagttagg	acagatccaa	gacactcctg	aggggaaggt	ngatgagggg	240
atcaagcgga	tttcggagaa	gcttcgttcc	gaattggcac	catggctggg	gacatttgctc	300
tgggcgggaa	gaagatccga	gatgcgggtg	cctccagcat	ccacaagtct	ctctctgttca	360
ccattaccca	caagtccaac	gtctgttccc	agactgatgg	tctcttccgt	ggcacctcca	420
aaagggccct	ggcgacccca	agttctctct	cgtctcagtt	gaagancaga	tctgtgatcc	480
catgggtttac	aagctcttcc	gtcagcctga	agantacnat	gtgattgtcg	cccccaacct	540

gtacgggtgac attctctccg atgggctgcc gccctt

576

<210> 290
<211> 625
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

<400> 290
ctcacccctaa ctctgaatct ctcgagatac cccccaatac cctctaactt ttttttacct 60
attctaattct aatcctgtcg aggtttcttc cttcttttca ggacctcgct gctgtcgctc 120
ctctgtctttt acattcgctg ttctgtctag caacctcacc ctctgtcttc tttagccatt 180
cagcttagct tctcaataac ggaatcatga agggactcat tctgtctggg ggtataggca 240
ccgtctctcg acctctcacc ttgagtgttc ccaagccctt ggtcgagttt gccacaagc 300
ccatgattgt gcaccagatt gaggcgctgg tgcagctgg tgttactgac atgtctctcg 360
ctgtcaacta ccgacccgag gtcattggaga agttcctggc agagtatgag gaaaagtctg 420
gcattcaacat cgaattcttc gtcgagactg agcctctnga caccggcgga cccctgaagc 480
ttgccgagcg tattctcgcc aaagacgact cttcctcttt cgtctcacc tccgatggta 540
tctgcgaatt tcccttcgan ggatctctct gggtcttcac aagaaccacg gcaatgangg 600
gaccattgnc ggtacccaang ncgag 625

<210> 291
<211> 733
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(733)
<223> n = A,T,C or G

<400> 291
cttcaactaac ctctgcagtc ggaattgacc aacgtcacaa tgggcccgtct tcaggaatac 60
gaggtcatcg ggogccactt gcccaaccgag gctgacctta caccgcacct ctaccgcatg 120
actatctctcg cccctaacga gacggctcgct aagtcocgat actggtactt cttgcgcggg 180
ctcaagaagg tcaagaaggc cactgggtgag atcgtcagcg tcaagtcggg ccacgagaag 240
caccacctca aggtcaagaa ctctgggtatc tggatccgat accactctcg ttccggcacg 300
cacaacatgt acaaggagta ccgtgagctg tcccgaaacg atgcctgtga gtncccttac 360
tcgacatgg ccgcacgcca ccgtgctcgc ttccaggtcca tccacatctt ccgcgtcgtc 420
gagattgaga agaccgagga catcaagcga ccttacatcc gccagctcac ccagaanaac 480
ctgagcttct cctcccccac cgtgtcacca aggagaaac ccagaagctc ttccgcgcga 540
agcgaccttt cactttcgct taaatgattt ccgttttagag gatgggttagg cttctgcggg 600
tggtaaacgg gatcatggaa atatcaactg acttttctta ataaaaatgg gcaatgaatg 660
aacccaaata ttctgagcat acaggatgct ggccgggtgtg atgcacaatt gattgggttt 720
ataaaaaaaa aaa 733

<210> 292
<211> 575
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

```

<400> 292
gaaacttcaa cgggttgacgt tgtgaccggg gtcgatgttc ttgagtatta cgcacatatg      60
gctgctggca gcttccctgg ccagaacacg cgtcttcggg ccgacgcctt tgttctcaca      120
acccatgagc ccttaggtgt ttgcgctggg attggtgctt ggaactatcc catacagatt      180
gctctctgga agtcagcgcc atgcctggcc gccggcaact gcatggtcta caagcccagt      240
gaggtcacac ccttccatgc cgaagcactc gccaaaatct atatcgaggc ggggtgtccct      300
ccaggaagta ttcaacggtt tgtacgggtg tggatatgcc gtaggagcac cctcgtggc      360
ccatagtggg cattgctaaa gtgagcttta ctgggtcaagt aagcacccgc agcaagggtg      420
ccagccaagc agtcacagat atgaaggggc ttactatgga nctgggagga aaaaccact      480
cgttatcctg cccgatgccg acgtagaaaa cccggcgaca ccgccatggt cgccaacttc      540
ttctcgaccg gtcaagtgtg caccaacgga accgt

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<210> 293

<211> 636

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(636)

<223> n = A,T,C or G

```

<400> 293
gcagctgcaa tgatcttcgg atgtattgga gctgctatg gcacagcgaa gtccggcatt      60
ggcattgctg gtgtcggtac ctttcgacca gatctcatca tgaagtgtct aattccagtc      120
gttatgtccg gtatcatcgc cgtctattcg ctagtcattc ccgtctcat cgctgaggat      180
ctcgaccctt atcagaacta cagcttggtt tcgggtctta tgcattcttg atgtggtatt      240
gcagtcggca tgaactgggt tgccgctggg taactgtatg gaattgttgg cgacactggt      300
gtccgtgcct atattggaaca agtccaggat ttctgtcgcc atgggtcctga ttcttatttt      360
cgggcgaagt ctccgtctct acggcctcat tgntgcctcg attctcaaca ccaagagcaa      420
gggttaaatg agaacagatt cgtatcgtaa tcacacacct attcatataa cctttctcan      480
gaggaaccca cgtgtacgtt gagggagctc tgagctggca tccagatccg ggatnaacca      540
ttggttgtac atcnggcatt gcgtattgga cgtgtacaat atttttcaac gaggtagaan      600
aacaaccgga gaanttgaac gtatctantt tcgaga

```

<210> 294

<211> 804

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

```

<400> 294
cgagaccggg cagacacga catcttcacg aagtaapgcc acactaaccc ttcagacaca      60
atggccaaga tctcgctggg tgcctctggt ggcaagctca agatgacctt gggctctcct      120
gtgggtggcg tcatdaactc ccccgacaac tccggtgccc gaaacctcta catcattgcc      180
gttaagggtt ttgggtgttg cctgaaccca tgggtggctg ggggtgtcgg tgacatgggt      240
atggccacgg tcaagaaggg aaagcttgag ctccgaaaaga aggtccaccc cgcggttate      300
gttcgacagt ccaagccctg gaagtgattc gaagggtgtc tctgttactt cgaggacaaac      360
gctgggtgta tgcacaaccc caagggtgag atgaagggtt cggcattaac cggccctgtc      420
ggtaaggagg ctgctgagtt gtggccctgt attgccaaga actccgggtg cgtcatgtaa      480
gggtgttgtt tgcgaaaagg aatcaaggaa agataaagg gcttgcggtg cgtgggtggt      540
gggttttttg tcccaaatgc natcagatag aacggggtaa aaaaaacatta tccctctcc      600
caagactcct attctttttt catctgcccg ggtctagggg aaggcgaaaa ggggaatggt      660
ctttttatct actactttta aagtgcctgg attggcccaa ggctcttgcg ttctgggttgc      720
ggcgtgtaag gatgattcac ataccaggca ttcacatcaa ggacaaaana aaagtcactt      780
caaaaggatt ctccctggga aaaa

```


<210> 295
 <211> 392
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 295							
agttttatcgg	ccaacgattt	ggagaacccc	gaaattaaaa	tgcttcacccg	catnaattcg		60
caaaccattc	gntccatgtg	ctaccaattg	aaccgcgcga	ttcgggacag	gnntgagagc		120
attnggtgccc	atthtccctgc	gacaaaatcgg	cangcganaa	accggntgga	tccggagaag		180
tthttccatt	ggqctctgta	cgggtctgnc	caqttgcrga	tgcccccaat	atgggaggaag		240
tncccttttg	ttgcgtcctc	aaaataattg	cccatatagg	ttccattggt	gtannagggc		300
ggcgctttcc	gnaaaggtgg	aatcgltttgc	cttaaaaagga	gtcgaatgat	tgggcacaaa		360
ggtagacaat	caccttgatt	cggttttggt	ga				392

<210> 296
 <211> 703
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 296							
cttcgtcaaaa	gactcataat	cttcaagata	ccaaacacccg	caatcatgtc	tgteccccgcc		60
ttctccgaca	ttgcacaagcc	ggccaacgat	ctctcaaca	aggattttcta	ccacctctct		120
ggcaccacct	tcgagttcaa	ggacaccgcc	cccaacggcg	ttgccttttaa	ggtcactggc		180
aagtcacagcc	acgagaaggc	caactctgct	gctattgagg	gaaaatacac	cgacaagcct		240
acgggcctga	ccctcaccga	gaactggaac	accgccaacg	ctctcgacac	caagatcgag		300
gtcgccgaact	ccctcgccaa	gggcctcaag	ctcgagggtc	tcttcaactt	ctctccctgcc		360
acggccgcta	agggtgccc	gttcaaacctc	cacttcaagc	agcccggttt	ccacggccgt		420
gctttctctcg	atctctcaca	gggcctccgtc	gccaacgttg	atgctgttgt	cgggccacgaa		480
ggtttctctcg	ctggtgcttc	cgctggctac	aatgccaca	agntgcttga	ctgcttacag		540
cgccgctggt	ggctacgctg	cttcccatat	aagcgctggt	atnaccgctt	tntgacaacc		600
tcagcgtctt	cgccgntttt	tacctaccac	aaaggcaact	tttaagggtga	ngctggtggc		660
caaggntact	ggaaacttcca	agacggtaca	cgcttccggt	ttt			703

<210> 297
 <211> 2113
 <212> DNA
 <213> Fusarium venenatum

<400> 297							
tcataaagccc	agtttctgtc	tgagtcctgt	cgggtccctc	ttctctctct	actccctcca		60
attatcgcca	tccacatcga	catcgccaat	tcacaacctc	acccagacaa	gaagaaaaaga		120
acgactgaag	gccttcgctc	gccatcacc	gattcttttc	cattctcttc	gaacttttgt		180
tcgttaggaac	aagagccaga	gaactttctg	tcattctttc	gaatttcgga	aggttgatag		240
agaagttctc	ccggcgccag	caaaagctgc	aattctggac	ctcgaggcac	gggtcccggt		300
cccttccagc	atcttcccat	cgacatctcg	ggaatccgaa	cccccacac	agacggttac		360
cgaaaacaaa	atacaggaag	aggttgagat	caaaacccaa	cagcccggaag	ccggacggga		420
aggtgaata	tcttctgtct	cgtccaccc	cgaacaggtc	ctctctctc	gtcaagagca		480
agagtttata	gaagaagagg	tccatattac	gggtgaagaa	gaacattacc	accgtcccg		540
tgtccaaaaa	ttcgagcag	aagactttac	tatcttgaa	gaactccgac	gaactcaacc		600

tccctctcaa	taccaacctt	cccagtagca	ccaacettcc	cactaccaac	cacctcccaa	660
attccaaact	tctcacactc	acgtagagat	cgacacccac	cgatcatcct	actactccac	720
ccccattgat	ctcgctgaac	gtgaataccg	ccagcggtac	cgccctgccc	aagctttttc	780
cacagaagac	ccttcttccc	actctcatcc	tcactacca	cctcaagaca	acttcaaagc	840
caacaactac	accgttgaag	gcgcacccgc	tccccaatcc	cattcctctg	agaagactga	900
aatcaacaag	tttactgttg	acgaacactc	ctctcgccct	cagtacaacc	acaccgagaa	960
gaccgaattc	aacaactaca	ctgttgacag	ccgatcttcc	cgctctcaat	acaacacctg	1020
tgagaagact	gagatcaaca	atttcaactgt	tgacgcccgc	tcttcccagc	cacggtaccg	1080
cgacaccaag	acaactcaag	tcaacagcta	cgcggttgac	aagcccgttt	ctcgctccatc	1140
ttacaagaag	gacgtgagat	ttactgaaca	aaccgtcgaa	gcttcaaagt	ccgacaagtc	1200
caagatgggt	tactacgacg	acgaggggtc	tttcgcgaac	ggcggcatcc	acaagctcgg	1260
tgacaagtcc	cgcgacattg	aggttgacat	tcgcgagact	tctcgtcctg	ccaatgactg	1320
cgctcccaac	accgtcagca	tcccttgcca	ccacatccgt	ctgggtgatt	tctcatgct	1380
ccagggccgc	ccctgccagg	tcctccgcat	ctccacctcc	tctgccactg	gccagtaccg	1440
ctaccttggg	ctccacctct	tcaccaagca	gcttcattgag	gagtccttct	tcctctccaa	1500
ccctgacccc	agcggtgttg	ttcagtcctat	gctccgcccct	gtcttcaagg	agtaacgggt	1560
cctcgatatg	caggaggggc	agatcggttg	catgacccag	actggcgacg	tcaagcaggg	1620
tctccctgtc	attgaccagt	ccaacctcct	ctctcgccct	cccaacgctt	tcgagtcggg	1680
tcgtggctct	gttcgcgtcc	tcgtcctcaa	cgacgggtgg	cgtagagctg	ccgttgacat	1740
gaaggtcctc	cacggctctc	gcctgtaagc	gtgttcaact	gttttctgaa	ttcgggcagc	1800
cgtttgcaat	gcgacttctt	cccaatgttt	aattgagtga	agggacagca	ctaccagtct	1860
cacctcaact	gtggggagcg	gggtctgggt	gtctctaatc	ttacctgtac	aatgtcaagt	1920
ttcatagggg	acctgtttgt	tcaagatggg	tcgagttttg	tttgtgtcaa	gattggataa	1980
atgatattgg	ctagctggaa	atactggagt	cttttgtgta	gatgggagag	ttctgtacat	2040
gaactatagt	aattgacaat	tgattccgca	tctcttagaa	aaaaaaaaaa	aaaaaaaaatc	2100
acacctacgg	ccg					2113

<210> 298

<211> 424

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(424)

<223> n = A,T,C or G

<400> 298

caaaacgaac	gaacgaccaa	aaagacagac	cgtaaatatg	aaggttgttc	ttgtgagcgg	60
cgaggtcatt	tcgggtgttg	gcaaaggcat	tattgccagc	agttctggtc	ttcttctcaa	120
gactcttggg	cttcgsgtta	cagcgatcaa	aaccgacctc	tacatcaaca	ccgatgctgg	180
tcttctgaac	ccctctgagc	acggcgagtg	cttcgttctc	gatgatggag	gcgagaccga	240
ttctgatctc	ggaaaactac	agcgatacct	cggaatncaa	ttgagccctg	acagcaacat	300
tcctaccggc	aagatctaca	agcaggtcat	tgagaaagag	cgcnaggaga	ttatctgggn	360
aagactgtcc	aagtcgggtc	ttacatnaca	aacgccattc	aggattgatt	ggacctgtcg	420
ccaa						424

<210> 299

<211> 510

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(546)

<223> n = A,T,C or G

<400> 299

agctcatgct	cgtcttttgaa	ttcatggatg	ggatcttgaa	gaggtatatg	gacacgcattg	60
ggagcgcggg	tgctcttaaa	ccaaccacca	tcaagtcatt	catgtaccag	ctcctcaagg	120

gtatcgactt	ttgccaccag	aaccgtgttc	tccaccgtga	tctcaagccc	cagaacctgc	180
tgatcaacaa	caaggggtatt	ctgaagcttg	gtgatttcgg	tctcgcccg	gcctttggta	240
ttcctgtcaa	cacattctca	aacgaagtcg	tcactctctg	gtatcgcgcc	cctgatgtcc	300
tactcggtag	cgtacatac	aacaccagca	tgcacatctg	gtcagcgggc	tgnatcatgg	360
ctgagatgtt	acgggtcggc	cgtattcccn	gaaccaccaa	tgaagaccaa	atcgtcggaa	420
tttcnataa	gggcacacga	cagangnact	ggcccggnat	taccaattcc	cgagtccaag	480
ccaaacattc	cataggangc	tactaaggac	ctccggaata	ttttcaaaaa	attggatcca	540
acgggt						546

<210> 300

<211> 540

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(540)

<223> n = A,T,C or G

<400> 300

gccaaaggaga	ggttcgaaaa	ggcagccagg	ttccaaggta	gaatcgctga	gcgcttggtc	60
agtgccagtg	atgactttac	catgtacctt	tgggatccct	ctcagagcac	taagcccgtc	120
gcacgtatgt	tgggtcatca	gaagcaantg	aaccatgtca	ctttctctcc	cgatggcact	180
ctcattgcca	gtgcaggctg	ggacaaccac	accaagctct	ggaacgcccag	ggatggcaag	240
ttcattaaca	cactcggcgg	tcattgtanct	cctgtgtacc	agtggtgttt	ctcagcagac	300
tctagacttc	tcgtcacagc	atcaaaggat	acaacactca	aggtatggtc	aatggcatct	360
cacaagctct	ccaatgatct	acggggtcac	caggatnaaa	tgtacggggt	ggactgggca	420
cgggacggca	agaagantcg	cagtgggtgga	aaggacaagg	cggttcgggt	ctggcaaaat	480
tagaatccca	aaatggtgtt	tgtnactcta	aaagtcnaga	tacccctgaa	gtgattcccc	540

<210> 301

<211> 623

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

<400> 301

cttcgtcttta	agcaaacggaa	cggttaatca	acgaacttcac	ctcccgacaa	ttcagctcgc	60
ctgtgtgttc	caggtacact	tcggtatccct	caacacgacc	ttttctgatt	gatattctga	120
cggttttcgc	gtcacaatag	tcaagatggt	tagcgaactt	tgcgccgttt	actcgccctt	180
cttcgggtgt	atgggctgca	cctgcgccat	tgtcttcacc	tgtctcgggtg	cctcttatgg	240
taccggccaag	tctgggtgtcg	gtatcgccgc	tatgggtgtc	ctccgcccctg	acctgatcgt	300
caagaacatt	gttcccgctca	ttatggctgg	tatcattggt	atctacgggtc	tctgtcgttc	360
agtccttata	tccgatggtc	tcaagcagga	cttgccctctg	ttcaccagct	tcattcagtt	420
cjgtjctggt	ctttccgtcg	gtcttgctgg	tctcgtctgc	ggtttcggca	ttgggtattgt	480
cjgtjatgct	gggtgtcgaa	gacttgccc	aacagctctg	tctcttactc	ggaaagaatc	540
tjaatctcaa	ttttcgcttg	aaatccctgg	gctttacggc	ntatttgtgc	tttgtntatg	600
aactccaagg	cctgtgtngac	gct				623

<210> 302

<211> 926

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(926)

<223> n = A,T,C or G

<400> 302

nncttgtttn	ttgtgcattg	naatcttgag	ccttgcaaca	acggatgcaa	cgggtgtggc	60
gcaatgagaa	attcgcgatg	tgggatcaga	gtgtcctctt	taattttttt	ttagtgagtg	120
gagagganaa	ggaaacaagt	caanttgact	tggatgactc	gatttttgctg	ataacaagtt	180
ggaaagcgac	accaatcctn	agccaaggtt	gaaattccaa	ggcccaaggg	ttgcgggctg	240
ctacttcgtt	gccttttatg	tgaagaatga	tgtagatacc	ggtgataggc	agtacccaan	300
gattanatag	agagagaaaa	gacttttggt	cttttgttct	tgtgaaaaag	ggagctctnc	360
tcancnnnat	tctaaaaant	gaentgcntg	tgatcgcaac	gccttttttc	aaacgcacat	420
tctacaaccg	tcaaaatggt	caagaagaga	aagaacaacg	gccgaaacaa	gaagggccgc	480
ggccacgtca	agcccatccg	atgcagcaac	tgctcgcgat	gcaccccca	ggataaggcc	540
atcaagagat	tcaccatccg	caacatgggt	gagtcgtgtg	ctatccgtga	catctccgat	600
gcctccgtct	tccggagta	cacgcgtccc	aagatgtacc	tgaagctgca	gtactgtgtc	660
tcttgcgcaa	ttcaggga	gattgtccgt	gtccgatccg	ttgtcgcccg	acgcacccgt	720
gccccctctc	ctccgggtccg	ttcaacaag	gacggcaaga	agatcgctcc	cactaccctt	780
aaggttttaga	tgggttgata	cttgggatgg	agtccgggta	tgatagcagc	attcaaaaaa	840
tggatgggat	gaataccttt	gggattatga	gactaagaaa	ttccaaaaat	caactggacg	900
acgtttgatg	tctacgcgtc	tttgac				926

<210> 303

<211> 634

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 303

agtaaatega	cgataagggtg	cagttctagg	cttcgtgacc	cattcatttt	gctggattgt	60
tgttcaattc	gagatctata	cattcaacgt	cctgcaaatt	ttcatattca	tcatgtctcg	120
tcccagggat	acgcttgccg	cgcacgtcca	ttatgacgat	accgaagcgc	gaaagtacac	180
gacgagttct	cgaatccaaa	acattcaagc	gtccatgaca	agaagagcac	tagaacttct	240
ggatctcaag	tcaccatctt	ttatcctcga	tatcggatgc	ggtagtggtc	tctctggcga	300
aattctatcc	tctgtcgaa	cggaggatgg	tggtcctcac	acttggatcg	gaatggacct	360
ttcaccatcc	atgctggata	ttgcgctcca	aagagatgtc	gaaggcgatt	tgatgttggc	420
ggatattggc	cagggcggtc	ccttcggagc	aggtccttcg	acgcagccat	cagtatttcg	480
gctattcaat	ggctctgcag	tgcgaaaca	agcgatacat	ncctgtcgg	gccgtcttac	540
ccgcttcttc	aaaggactct	acgcactctt	caagcgtgga	ggtcgagncc	gtctggcaat	600
tctaccccaa	aaacgacgaa	cagggcanca	ttga			634

<210> 304

<211> 474

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(474)

<223> n = A,T,C or G

<400> 304

gttggtcccc	tgggtcgtaa	cttgggtccac	agaaacacaa	ccacaggagac	tgggtggtatc	60
tttgagggtg	gtgggtggcca	catgggctaag	cttcgatggg	agcgcctccag	tgggtctctc	120
ctcaagggtg	acgactctta	cacccccgga	gctatcatca	agaactgggg	caaggctcgc	180
gactactcca	accccccaata	tcccacgggc	cccaacgatt	tcttcacatt	gctcagggac	240
tccatgaaga	tggggccctgc	tgaqcaaggc	qaqaaccccg	acttcaactgg	ccgcgtcgct	300

cttgtgacag	gtggtggtgc	tggtattggt	cgcatttatg	ctctggcttt	cgccaagtat	360
ggcgcatcaa	tctctgtcaa	cgatctggcc	gaccttaacc	ccgtgggttg	cgaaacaaaa	420
aacttggtgg	caaggccgcg	gtgtnaaggg	ctaactgaag	atggcaanaa	ggtc	474

<210> 305
 <211> 593
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 305						
tggagactct	tggcggtatc	gaactgaacg	ctatgcacna	aatcaccacc	gttgagcgca	60
tgcttaccaa	ccttgctgtc	gagtaacgag	gtgtcgccga	tccccgtctt	cccgcttggc	120
ctcgcaaggc	tggtcacctc	ctcgagacat	gtgtgactgt	catggacctc	aaggggtgtc	180
ccatcggcaa	ggttcctcag	gtttacgcct	acgtcaagca	ggcttcctgc	atctcccaga	240
actactaccc	cgagcgtctc	ggcaagttgt	atatgatcaa	cgcccccttg	ggtttctcca	300
ctgtctggag	catcgtttaag	ggctgggttg	accccgtcac	cgtttccaag	atcaacattc	360
tccgatccgg	atacaaganc	gagtcctcca	agcaaatccc	tgccgagaac	tccccaaggc	420
cttcggcggt	gagtgccaat	gtgaggggtg	ctgtgananc	agcgacctn	gtccttgcca	480
cgaggccgaa	tttgcccgcc	ctgcttggtg	ggagaanaac	angatgccc	tgtcttgana	540
acaagggctc	tganattgaa	gaacccccaa	ggccctgaag	ccgctcctgt	tgc	593

<210> 306
 <211> 650
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(650)
 <223> n = A,T,C or G

<400> 306						
cgatcatcaca	accaagcctt	togacactct	cttccatctc	acagtctttc	agactcacaa	60
ctcccttttt	aaccaccact	cccccaaac	ataactcttt	caaaatgact	ggcgcgggca	120
agtctggcgg	caaggccctc	ggctccaaga	acgcgcaatc	gcgttctctc	aagggctggc	180
tcgcttttcc	tgtegggtgt	gtccaccgcc	tcttcggaaa	gggcaactac	gtcagcgtg	240
tcgggtgctgg	tgcctctgtt	tacctcgctg	ccgtctctga	gtacctcgct	gcggaaatcc	300
tcgagtttgg	tggtaacgct	gcctcgcgaca	acaagaagac	ccgtatcatt	ccccgtcacc	360
ttcagctcgc	catecgaaac	gatgaggagt	tgaacaagct	tttgggtcac	gtcaccatcg	420
ccccaggtgg	tggtctcccc	aacattcacc	agaacctttt	gcccagaag	actggcaaga	480
ctggcaagac	ctccagcatg	gagctgtaat	cggtcttttt	tggttctgtt	ttccatgcn	540
atggcaggtt	gtttcggttg	tcatgacaaa	agggtcacgg	tttaagggtt	tacacgggtg	600
cttttatnaa	nttattcccc	cgtaggggtg	tgaaaatccc	cacgggtttg		650

<210> 307
 <211> 831
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(831)
 <223> n = A,T,C or G

<400> 307

gtcgccaagt	cgatgctttc	cgtgctggat	tctcacaagt	attcccttac	tcagcactca	60
gtgcttttac	acccgacgag	cttgtcacc	tgtttgccg	cgttgatgag	gactgggtctc	120
tagagactct	acttgattcc	atcagggcgc	atcatggcta	caacatggac	agtaagactg	180
tcaagaatth	gcttcatact	atgagtgaat	tcaacgcata	agaacgccga	gactttttac	240
agttcacgac	tggaagcccc	aagcttccta	toggaggatt	caagtctttg	acacccatgt	300
tcactgtcgt	ctgcaaacc	agcgaagagc	catatacgtn	tgacgactac	ctacccagtg	360
tcattgacatg	tgtcaactat	ctgaagctcc	cagattactc	taccattgag	gccatgagga	420
aacaactctc	accgccagtc	aaggaaggnc	agggagcatt	ccacttgtct	tagattgggtc	480
tactttatga	agatactgca	tgagatgatg	ccatgccctt	gtcgaccttg	tttacttcga	540
cgaattaggc	aggaaaaagt	tttcatttcc	cctttattgc	cctgatgaaa	cgatactacc	600
ccccgatgga	ctggaatgat	ggaaataaaa	cangggcgtn	ttatttttgtg	tttacanaag	660
cacaatattg	catggcttna	ggagtggngc	aggactttta	tntntttttt	tnatgacaan	720
tgctgggtatg	ggcatggcaa	acctttgaag	tnttttccgt	gggtcaatna	gctgggtgggn	780
aaagatgata	tttnaatatg	aaaaaaaaaa	aaaaaaaaaat	tcctgcggcc	g	831

<210> 308

<211> 646

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(646)

<223> n = A,T,C or G

<400> 308

agaacaagcg	agcggagaag	gctgctaagt	ttgtgtctcc	attgcccag	gtccgaggaa	60
ttgcccagga	agaaatgttc	aaggctcgta	agaccggaaa	gaagatccag	aagaaggcct	120
ggaagcgcat	ggtaaccaag	cccacctttg	tggaccgga	cttcactcgc	cgcaacccca	180
agcacgagcg	cttcatacga	cccatgggtc	ttcgttacaa	gaaggccaat	gtcacacacc	240
ccgagcttgg	tgttaccgtt	cagctgccat	catcaagcgt	caagaagaac	ccccagaacc	300
ctctatacac	tcagctcggt	gttctgacaa	agggtaacct	catcgaggtc	aacgtcagcg	360
aacttgggtc	ggtaaccgcc	ggtggaaaagg	ttgtttgggg	tccgttacnc	tcaagttacc	420
aacaacccca	gagaacgagg	gcttgnatta	acaagcgtcc	ttctgggtata	atgcgctcaa	480
caagcgtcca	cgcgtgatgt	tgaagagatt	cgtttgcata	agttcgaatg	catgtattgg	540
cgccaaggcg	tttttgggtt	accgcgccaa	aaanaacaaa	ggcgcgtgatg	gtagatgggt	600
ggtaaacggg	ttgattgtcg	actggaagat	tccaagttgt	gatgaa		646

<210> 309

<211> 1133

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1133)

<223> n = A,T,C or G

<400> 309

attttctagg	gaacagccag	cccatccccc	atagattgaa	aatctcgcct	cacactgccc	60
taatttatga	cgtaacaccc	togaattcca	agctttctaa	cgctttccca	gacgtctgtg	120
cttcaaatcc	taagatccct	acagcatact	ccaggtccct	gtctccgccc	cgacccaccat	180
catgaagggt	gctttgtccc	tttccgctct	cgctccagcc	ggcgttggcg	ttgtttgtga	240
ggagctcaag	atcgatgtga	cccttcccggt	tgctttggag	cgcaagacac	agagggggaga	300
ttggttttaa	atgaactaac	gtggttaccct	caaggtattcg	ggnaagcaggt	ttgatgctag	360
ctacgatcgc	ggtactcccc	tttcccttcaa	ggttgggtctt	ggccaggcta	tttaagggatg	420
ggacgaagggt	cttctttgaca	tgtgtattgg	tgagaagoga	atcctgacca	ttcccccctga	480
nttcggctac	ggncagcgan	ccattggccc	tatcccccgc	gggtcaaccc	tagtttttoga	540
gacagaacct	gtcgggaattg	acgggtgtccc	caaacccgag	aagatcgaaa	ccaaggctcgt	600
cgaaaggcgc	gagttctgctg	ccgaggccat	cagcgagggt	accgaggctg	cccgacacgc	660

ttctgagaaa	gttgcccggca	aggtttgetga	ggccatcadc	gatgctgcta	aggctgccaa	720
gaccattatc	gctgataccg	atgacgctcc	cgaacacgan	gagctgtaaa	gacatgatgt	780
ataacgattt	acttttgtag	taccgcaaaa	cgccatgaca	tatcatatca	tccattatac	840
ataaacctag	aaggctggat	aacaaattcc	gtcgacgttg	atgtcatatc	gtgtgcaatt	900
cgatcgagta	gggccccacg	ttgtccttga	gtgacttgtt	ggctgtagat	gcatgactga	960
agatgtagt	agggtttgcc	atctacctgg	agtgtgattg	aagggtttgt	ttagtcggtc	1020
ttgacgtcat	gatcgatact	attattcttc	cttatccctt	tctgnagaaa	gaaatcgctt	1080
ntagtggctt	taagtgtcca	atcatgatgg	ngggttntgn	caaaatccnt	ttt	1133

<210> 310

<211> 607

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> [1] 1-1500

<223> n = A,T,C or G

<400> 310

tgtgtttctt	gagaatgggt	acagtttagt	tcaccaggac	aatgcggccg	atgtcccccac	60
cgtttccgac	ctaagcatgc	agttggagaa	aggcaccgac	gagagcaagg	ttgagaccat	120
gaagcgcate	ttgaccatca	tgtccaatgg	cgatcctatg	cccagtttgc	taatgcacat	180
catcggtttt	gtcatgcctt	caaaagtacaa	gctcttcaag	aagctcctct	acttttacta	240
tgagatctgc	cccaagcttg	acagcagcgg	caagcttaag	caagaaatga	ttctgggttg	300
taacgggtatc	cgaaaacgac	tccaacatcc	caatgaatac	atccgaggaa	acactcttcg	360
cttccttttg	aagctgaggg	aagctgagct	tattgagccc	ctcctctctt	cggcgagatc	420
ttgcctttga	acacagacat	gcttatgtcc	caaaagaatg	tgtcttcgcc	atctcctcta	480
tttacacaca	ctcgccttct	ctgatcccca	cgcttcagaa	cttattccac	cttctcgaag	540
gananaaatga	cggtgtctgt	cgaccgggaat	gctttgcgcg	ctgtctagtn	ttcaacagan	600
gctgccc						607

<210> 311

<211> 1119

<212> DNA

<213> Fusarium venenatum

<400> 311

atcaactgtc	acaatgcctc	tcctacctca	aagcgtaaag	ccccgcgtta	tccttgggtct	60
tatgaccttt	ggacctcccg	gtagttagaa	gctcgacgct	cgtatctttg	actcggagac	120
cttcaacaag	ggcgttgacg	tcttccagag	caagggttac	agttagattg	acaccgcacg	180
tgtgtatgtc	ggtggaaaac	aagaggggatg	gactggtaaa	gagaccaaat	ggaaagagag	240
gggaactcaat	ctcgatacca	aggtaagta	tcccaaggaa	ctctggcga	acacctacga	300
caaggtcact	gagtcagttg	ataccagttc	gaaggagctt	ggaaccgact	gcattgatct	360
gctctacctc	caccgctcctg	atcgtgggtg	tctctttgct	gagacccttg	aggctatcaa	420
caagctgcac	aaggatggaa	agtttgtaaa	ctttgggtatt	agtaacttca	cccgtaacga	480
gggtgctgag	gttgtcatga	cctgcaagta	caataactgg	gtccgacctc	cagtttacca	540
gggcattgtc	aactgcctca	ctcgttctat	cgaggcagaa	ctctttgttg	cctgcagaag	600
gtacggctct	gacattgttg	tttacaaccc	cattgctggc	ggctttttgt	ccggcaagat	660
caagtcgagc	gacatcgag	ctgaaagcgg	ctgcttctct	gacpagtctg	gtatggghaa	720
caatatacga	cagcgttaact	ttagagagag	acacattcaa	ggctcttaac	gtttatcgag	780
cagggcgttg	agaagaacgg	attgagttatg	cttgagacag	cgctgcgatg	gatggttcac	840
cattccaaag	tgaagatcaa	ggacggcaac	gatggcaatc	ttctcggcat	gtccaggggtg	900
gagtagcttg	aggagaacct	ggagatcctt	gagaagggcc	ctcttctctg	cgaagtgytt	960
gaggaacttg	acaaagcctc	gctgtactcc	aaggacagag	cgactaacta	ctggcaacggg	1020
gagtgaggt	atacttatga	tgtgcacgag	gcttctcttg	gggcacccgc	caagtaaatc	1080
gogagcaggt	agacagtaat	atctatcgtc	tgaaccgag			1119

<210> 312

<211> 587

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 312
cgacgccgaa gttctccgta tcatcacaga agtatttgag ggacttggct ggaacgggtg 60
atacacgata aagctgaacc acagaaagat cctcgacggg atcttccagg tttgcggcgt 120
gcctgaagac aagatccgta ccattctctc ggctgtcgac aagcttgaca aactgccctg 180
ggctgatgtg cgcaaggaaa tgaccgagga aaaaggactc gatggcgaag tcgccgatcg 240
aattggagaa tgggttggtt tgaaaggtaa gcaagatctg ctccagaagc tgcagancac 300
cgagaaactg ggcgcgaacc aatctatgaa gaaagggtat gaagatcttg aacttctttt 360
tgactacatt gaagcattca actgcttggg cggggtttct ttgatctca gtttggctcg 420
aagtctcgat tactacacgg gtctcatctc tnaagttgtc ncccaagggt cggctcccg 480
agttaccccc ggncaggaaa aaacaaatcc cagccttcca aagaaaaang gttagaaaagg 540
tggcgaagan gaagacogct ctgatgatcc cctgttggcg ttngaatt 587

<210> 313
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 313
cgctgggtgt gttatttttg togtctttat taccatttac ggactgaact ttattgcttc 60
gttcatgtac ctogacccct ggcacatgtt ccactccttc ccttactacc tggttctcat 120
gtcaacttac atcaacattc ttatgggtta cgcattcaac aactggcacg atgtttcctg 180
gggtaccaag ggttcggaca aggcctgaggc tcttccctct gccacgtta ccaagggtga 240
gaagaacgag gttgtttgtt aagaagttga gaaggagcag gaggatattg acagtcagtt 300
tgagcaaaact gtcgcgcgtg ctctcgctcc tttcaaggag gaggaggagg tcgaggcggc 360
cgatgtttgag gatggataca agtctttccg aacgggtctc gtcgtctgct ggttgtttgg 420
aaacattctt ctcatgtttt gcattaacag caccaaactt gacaacctcg gatgggtga 480
acctgcacaa gaacgaaaag cgcattactt ncagttcctt ctgtcgctac tggcgnctc 540
tcggttgggt gttttgcccg tctcttggtg gtcttcgag gactggtant atgtgctggt 600
ttctcaagaa attaanccgg cgt 623

<210> 314
<211> 652
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(652)
<223> n = A,T,C or G

<400> 314
taacctctta cgtttctata gttttcggcg tcttcagagt cactttgtta ggcctatctg 60
tctttccaac caacccaant ttttgaggag ggcaccacgg aggaqaaggg tgaagaatgt 120
cgctttggcg cttttgtttg tgctatcgcc gtggcgatc tggtnaagag cactcttggt 180
ccctangggga tggacaagat tctacagtca gcctccacgg ccgaaatcat ggttacccac 240
gacggtqcca ccattctgaa gtctatcgcc ctcnataacg ccgcgcgaaa ggttctctgc 300
aatatttcaa aggttcaaga tgaagaagtc ggtgacggnn cttcatccgt tgcctgctc 360

gctgccgagt	tgtaagaga	ggcagagaag	ctggctcgaca	agaagatcca	cccccaaact	420
attattgagg	gttacagaat	agcgagcaag	gctgnattga	aggctttgga	aggctcggcc	480
gtccaccaca	gnaagaaccc	cgaggcggtc	cgccaanatt	tgttcggtnt	cgcgcggaaca	540
acttttaact	taaaagggtc	tcgctnaaga	tcgcacgcag	tttgcccaat	tggtctgtng	600
atgcttgctt	tcccacttaa	gttttcaaac	ctaaaccnch	ttcaaatnat	ta	652

<210> 315

<211> 559

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(559)

<223> n = A,T,C or G

<400> 315

ctttctctct	aacattaaat	ggtgttgtgt	tgtcgatttc	ctccatcaga	cacttatcac	60
ttacacgcga	tccaattcct	cgatactcgc	ccacagcctt	caacaaaatt	cacaatacag	120
tcacaatggc	gtcacanaat	atgacgaacc	cttctgttaa	ccctgacatt	gaanacgagc	180
tcttccaaaa	ggaggttgag	gccgtcaaga	cgtggnggtc	cgactcaaga	tggaacacac	240
ccaaacgacc	ctttaccgct	gaacagatcg	tttcaaagcg	cggatacctt	cctgttgact	300
atgccagcaa	cgcccaggcc	aagaagttat	ggaagattct	tgagcaccgt	ttcgagaacc	360
gogatgccag	ttataacctac	gggtgcttan	aacccacaat	ggtaaactcag	atggccaaat	420
acctcgatac	agtataccgt	ttccggtggt	caaatcgctg	tcaacggcct	tttgtttccg	480
acgagcctgg	gcctgatctn	ggetgactac	ccttacacta	cgggttctta	aaaaaggtn	540
gcaatttttt	tattggccc					559

<210> 316

<211> 894

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(894)

<223> n = A,T,C or G

<400> 316

ctttcagctt	ttttttctct	cctcctcaac	ctcactcctt	tctcctcaag	acctcagatt	60
tcttgccaat	accgtcaaaa	tgctccgccc	taacgacaac	gagcatgaga	tgacattoga	120
ttccgcggat	gcgggcgggt	ctctcacctt	ccctatgpag	tgctctgctc	tgcgtaagaa	180
cggtttcgtc	gtcatcaagg	gcgcgccttg	caagattatu	gacatgtcca	cttccaagac	240
tggaagagca	ggtaacgcca	aggttcatct	tgttgctaac	gacattttta	ctggcaagaa	300
gtaagaggat	ctctccccc	ctactcacaa	catggacgtc	cccaacgtca	cccgccgaga	360
gtaccagctg	ctcgacatct	ccgacgatgg	tttctctctc	ctcatgaccc	acgatggtga	420
caaccaaggac	gatgttcttc	ttcccgacaa	cgaaattggc	cagaagatca	ccaagctctt	480
caaggaggaa	gagaaggaca	ccaacgtcat	tgtctctaac	tctatggggg	aagagtgcgc	540
tatgagggtc	agggagctcc	caaccagacc	taaatcattt	aaactttgat	ccacgcctta	600
ctttatgggc	acttggccct	gaggaattac	attgaaagat	gctctggatc	aggggatctt	660
tttgtttttt	gatggacatt	tgggcgcata	atattcatgg	gccatgggta	gggtctgtgc	720
aaaaaggatt	ctctacctgg	acagggttgc	ctgcttttta	tgatatacgg	caacccttta	780
gcaaccagag	cctcaggctc	gaaaatgttt	tcctttgggt	cctggctttac	aagctgcgaa	840
taccatcatg	tcaccgatac	cgtagcagca	attaaatgac	gaaaaanggg	agay	894

<210> 317

<211> 884

<212> DNA

<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(884)
 <223> n = A,T,C or G

<400> 317
 caaccgacca agtcaaaaaa aatthttgagg tatgtatgac ttacgcttgc agcgagtcga 60
 atcaaaaaaa ggatgatgcc ttccaccatg gcaaaagggt agcaatcgag ggtattgtcg 120
 tcaaccgtga agaaaagacc gatcttttca acaaggggcg gaaataacta tcacaaactg 180
 gcgactgtat ccttgatacg cttctcttca gcaactggcg gcagaaccct cgcgatcgat 240
 cgttgaggge actttccagt cttcatcaac ggcccnhna agtcaaaaaa aatthttgaga 300
 tacctcattt ccccgctccg acttgagaat ctctcctcaaaa caccgcaaaa atgggtccgca 360
 cttccgtcct ccacgatgcg cttaacgcca tgaacaacgc cgagaaggct ggcaagcgcc 420
 aggtcctgat ccgaccttct tccaagggtca tcatcaagtt cctcactgtc atgcagcgac 480
 acggctatat tggcgagttc gaagagatcg acgatcaacg atccgggcaag atcgttgttc 540
 agctcaacgy ccgtctcaac aagggtcggag ttatctctcc ccgtacacac gtcggctctt 600
 ccgagctcga gaagtgggtt gtaacgtgc tccctgcccg tcagttcggc taagtcctcc 660
 tcaccacctc cggcggtatc atggaccacg aggaaggccg ccgcaagcac gtctctggca 720
 agatcatttg cttctctctac tagaaagggg cgggaaaacca atcaaaaagt gatttaaaaa 780
 caaacaggca ttctcggcgt taaggaggat gatgactagg accgatgcga ttatatagcc 840
 aaqttgcttg tcgcacacgc gaacatacca attgatactt ttga 884

<210> 318
 <211> 597
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(597)
 <223> n = A,T,C or G

<400> 318
 tgtcaacgct gcagctctgg agatgcctac gcaatcacca cccacaacgg agatggattc 60
 tccctgccgt ggattaacac ctacgctcag cgctggctct gaagagattc agctggatgt 120
 tggcaacatg gaccttgatt tcatgcaggg ccgatgatgag ttctgactgga acgctgtggc 180
 cggaaactgat ttcgacgttn accagtggct ccagttcccc cccgagggcg tcaacaacca 240
 agaacgacaac ttgatcgctg gcgtattggg cgttgaagag cctacaatgt ctgccagca 300
 agctctgacc tgggcccata acgctgagac agacgtagca gctcgtcagc ctgaaaaccg 360
 cgacattacc cgcctggcat agancctcaa agttcgtgct gctatattca cataatgttg 420
 gatgtatcac tttttggatt gggcgtcata tttagttctt tegtgttata tgggtgtacat 480
 gctgtactg cattanaaac gggcgttttt tgaacgngg ctccgaacct aggtggcggt 540
 tgtttttttt tctggcgctg aaacaamngg tttgtcttgg atatgggttg tgtttct 597

<210> 319
 <211> 574
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 319
 cccatggttc taggcaagga tgacattcag ttgggtgtga acgaatcaact ctatgacact 60
 tcaaaaggta tctcatccat gacttccctg atgggtgtct gggtaggacc tctattctgat 120
 gtgcgtactc tggccaagca ctcaagtgtc cctgttatta atgctttgtc tgatgatttc 180
 caacctctcc agactattgc cgacttccct actctccacg agactttccc ttcataaagc 240
 tccaaggagg ctactctggg tctgaacggt ctcaagggtt cctgggttgg cgatgccaac 300

aacgtttcttt	togatctcgc	cattggctgc	gtcaagatgg	gtggtgatat	ttcaagtcgc	360
tgctcccaag	gatatgaaat	ccccgaaact	atgaggcact	catcaccttc	gttggcgacc	420
ggggtttctt	tgcccggaag	cttatcgaga	ctaattgtnt	gaggaggccg	caaaggatgc	480
caatgtcttg	gcacggatcc	atgggcttca	tggccagaaa	cttgtntcca	aaancgttta	540
aggactttnt	ggatccaaat	ncaatgacct	ntta			574

<210> 320
 <211> 590
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 320	
atctggctcg	aggtgcttaa
catgaggttg	atgcttcctt
attaactcgg	ctgagggtca
cgaccccaag	aagcccaaga
ggccaagtac	attgaccttc
acaaggaact	caacggcaag
gcagaacctc	aagagacaac
gcttgctttc	gacgaaaaag
gaagcctggc	tgtttgcgaa
tgacgggatgg	cgataaacia
actattcaca	acgtctgatt
cgcgactacg	tgcgaaacac
aaaaaagcca	aggggcaagg
gacctcacgat	ctttgtcgcc
gacaagttcc	ccgcatggca
tgtggaacac	cgagaccaag
gggagagatg	aaaaaagcca
cgaaccggca	agcgcggtgc
tgcaaatggt	tcctggactg
tagancaggg	aactccaaag
cagcacctgt	tgccgaacac
ccctgagatc	60
tgctttccaa	120
agacatcatt	180
tcngtcaacg	240
tgccctttgt	300
tgagacaaaa	360
aaaccaactg	420
ggcggtttct	480
	540
	590

<210> 321
 <211> 478
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(478)
 <223> n = A,T,C or G

<400> 321	
cgactggngg	gtttccaage
ctggcaccct	aactcggtcc
ctccgccttc	atcaagggtg
ccattccaac	accgttttgc
ttctttctct	cccagcggag
tggtttacca	tctggccccc
gcttnccttc	aagagcctga
ttgcgaggct	ttccgcttca
gcctatccgc	agcaccatca
tggtatctact	gatgctcatg
ncctctctct	ggagtttggg
gaacaactcg	gctggatggg
ctttgcagct	cacgacagca
tcgtgctgtt	gttaccgtct
tgaagatgan	attatcgctg
ggcgggctgg	caattaactg
gtccctatc	
ccagtgttgc	60
cgcgagctct	120
gcgagcgtct	180
tgcaactcgt	240
gcactcagca	300
ctactcagca	360
ctgggttacga	420
	478

<210> 322
 <211> 682
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

<400> 322		60
ggccactggc	caggacccctg	
ctcagggttgt	cgagagcgcc	
aactgtatca	ccatcatgaa	

gaacctcaac	ggagctctcc	aaatctctgt	ttccatgect	tctcttgagg	tcggaaccct	120
cggtgggtgt	actatccttg	agcccccagg	cgccatgctt	gatctcctcg	gtgtccgagg	180
gtctacccca	ctaaccctgg	tgacaacgcc	cgccggctgg	ctcgcatcat	cggtgcctct	240
gtccttgctg	gagagctgtc	tctctgcagt	gcttttgctg	ctggtcacct	tgtcagagct	300
cacatgcagc	acaaccgaag	tgcgcctccc	tctcgcagca	ctactcccgc	ttccatgaca	360
cccggtctat	ccatgaccac	ttcggggtca	acaacatcaa	tgagcgctgc	tggcatccag	420
aggtcaaagc	gataaatgac	gagcgtttgc	atcttggaagg	agtagtttga	cgaaagtgtt	480
aaaagaatag	agatgagcat	gtacgacata	tgggtctggga	tggatgatgg	gtcatacaac	540
atgggaggtt	ttttcgcatt	gggacattct	ggaaaggctc	ggcaaagggg	tacatacata	600
tacaagtcgt	cgnaaagatg	cnaaatattg	gtangcatgg	agtttaatac	cgctncaata	660
gtcaatttna	ntcctttttt	gt				682

<210> 323

<211> 587

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(587)

<223> n = A,T,C or G

<400> 323

gatacccaaa	tcattcacia	tggtcccaaa	gacgctatc	gtctactact	ccatgtacgg	60
ccacatdaag	cagttggcgg	aggttgagaa	gccggtatcg	agaagctggc	ggtactgccg	120
acctcttcca	ggtccccgag	acctccccg	aggacgtcct	cgccaagatg	catgctcctc	180
ctaagtccac	cgaggttcc	acctcgaag	acctttccat	ccttgagggc	tacgatgcct	240
tcctccttgg	tatccccacc	cgttacggaa	acttccccgc	ccagtggaa	ctttctggga	300
caagacgggc	aagcagtggg	cttcgggtgg	tttttggggc	aagatggccg	gtatcttcgt	360
ctccacggcc	tcccagggtg	gtggtcagga	gaccactgct	cagaacgcca	tctctacct	420
gacccaccac	ggcatcatct	acgttcctct	cggttacggc	aaggctttcg	gtacctgact	480
gacctctcgg	aagttcgggg	tggtacncc	gggggtggcg	gtaccttcnc	tggtggtgat	540
ggttccgcca	acctcgggac	aaggactcaa	cttgctcagg	tcangga		597

<210> 324

<211> 360

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(360)

<223> n = A,T,C or G

<400> 324

aggttgagcg	cgaaaccttg	acagctcctc	ctcaccacca	caacaacaac	cgctatcacc	60
cttaactttgg	tcacgggaatg	cacagctctc	gaggccacct	gcctacgctt	tctttctacc	120
atatggctcg	ttctcactca	ggcgacgacg	acnaccacta	ctccggtctc	atgcgccatg	180
ctaagcgctc	aaggcctaac	tcccctaact	ccacagctcc	ttcatcacc	acattttctc	240
acgactcctt	gtcacctaca	cctgaacaca	ccccaatcgc	cccccttgt	cactctcttc	300
gcctangjcc	tttttttggc	tacaaactgc	taattctccn	aaacttttgc	cttcaaaaaa	360

<210> 325

<211> 623

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

```
<400> 325
aagaactctc ctgtttcttca gctaaacgct cgcaactatg ataagatcat tgcaaagtcc      60
aactacacct ctattgtcga gttttacgct ccttgggtgtg gtcactgtca gaatctcaag      120
cccgtttatg agaaagctgc caaaaacctc gatggccttg ctcaagttgc tgcaattgac      180
tgtgatgatg acgccaacaa gcagctctgt ggctccatgg gcgtccaggg ctttcccact      240
ctcaagattg tccgccctgg caagaagtct ggtaagccca tcgttgagga ttaccagggc      300
cagcgaactg ctggtgctat ccaggagget gtcttgagca agatcaacaa ccacgttaca      360
cgtgtgagtg acaaggacct ggactctttc cttaaggggtg acaaagccca agntgtcctg      420
tcaactcaaaa gggactctag tgcgcntatt cgaacatagc nttggctttc tcgatgncat      480
ctctgngggc agaatcntga taaggaancc gtgctgtaaa aggttggcat tganaagttc      540
cccggtttng gtctgatcct ggngaaggaa ggnccnttgg cnttacggga naaggccaaa      600
aggcttgga anttctnctt aac                                     623
```

<210> 3.6

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

```
<400> 326
atggggttccg ctctcatgtc cctccagaac cagcgccccg agatcggtac tcagaagatc      60
gatgagctcc ttgcgctgtg cgacgagtggt atccctacc ccgagcggtga ccttgacaag      120
cctttccctca tgtccgttga agatgtcttc tcattgtgtg gccgtggtac cgtcgtctct      180
ggccgtgtcg agcgtggtat cctcaagcgt gaccaggaga tcgagcttgt cggtaagggc      240
caggagggtta tgaagaccaa ggtaacccgat atcgagacct tcaagaagtc ttgcgagcag      300
tcccaggctg gtgacaactc cggctctctc atccgcggtg tccgcctgga ggatgtccgc      360
cgtgggtatgg tccgtctgcg cccctggcac tgtcaaaagtc tacactcagt tctcgettc      420
ctctacgtc ctcaaccaag aggagggtgg ccgacacact ggttttcang agcactaccg      480
accagctat accttcgaac tgctgatgag tcgatcgacc tgacctttcc cgagggtacc      540
cgaggatgcc ttcagcaaga tgatcatgcc cggtgacaac accgagat                                     588
```

<210> 327

<211> 658

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(658)

<223> n = A,T,C or G

```
<400> 327
gaatccgctc gccccagcgg caaatcggtc attctctctc ttacttcctt tgtttctcta      60
tatgtctctg ccttgcaaaag taccacacct gccctctctc aactccatct tttctctat      120
tcccgctgtg cggcgctctt cgggtgtgtg ccttccatcc cggtttactc ggaattggcc      180
ttgpatatcc ttgaattctc gacaactcgc ctcgagcaaa agataatada ggaagtgcac      240
ctcaaacgct aattcacat ggctgcgaac acaaaagtctc tacgagagta caagctcgtc      300
cctgtcgggtg ggggtgggtg ccgtaaaactc tgtttgaaca ttcagttgat ccagaaccac      360
ttgctcggcg aatatgacct tacaattgaa gactcgtacc gaaagcagtc cgttatcgac      420
gaaaaagtgc ccttgcctga tgttctcgac acagctggcc aggaagaata tagcgccatg      480
cgcgagcagt acatgcgaaa cggaaaaagga tttctctctg tctactccat tacttcgcga      540
caaaagcttc gaagaaatca ccacattcca acaacaaaaa tctgcgaatc aanggataag      600
gactacttnc ccattggncg ttggtggcaa caagtgcaca tttggaaggg gaaccaat      658
```

<210> 328
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

```

<400> 328
ttggccgatt ttggcgctctc aggtcagctc tcagcaacca tgaccaagaa gaacactttt      60
gtcggaaaccc ctttttggat ggccccagaa gtcacaaagc aatctgggta cgaccacaag      120
gctgatattt ggtctcttgg catcacggca cttgaattgg caaatgggga acccccttat      180
gctgatatto accccatgaa ggttctcttc ctcaccccca agaaccctcc accacggctt      240
gctggcgaact ttacccaagga ctttcaagat tttatcgagt catgtctgga gggggatccc      300
aaagacagac caacagccaa agaaatgctg cggcaccgat ttattagacg ggcacaagcgg      360
acaacgtacc tgactgagct catcgaaaga cactcgcggt gggcagctgc gcataagggc      420
gaagatgatg ataactggga atctgtccac gatggccgac ttcccgtgta acgtgagcga      480
atcnatgaaa anatgtttgga ttttggcacc gtcagacttt tcngtgaacg aaggggtntt      540
gtttaacgaa caagcctcaa taccctggat ganaatgcaa caaatgctcc c              591
  
```

<210> 329
 <211> 613
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

```

<400> 329
ctctaatgca ctcgagaagc aactggaccc agcaaatctc tccgagagag accgtgtcag      60
catatccgcc gaacctcgag acttcagctt ccgcaattac gtgggctatg ccatctatgg      120
gcccccttac ctggccggac ctattattac gttcaatgat tacatctcgc aatcaaagta      180
ccgatctgcc agcattgaga caaacccaac tattcgctac ggtatacgtt tcttcttggt      240
gctgctgtcc atggaggtca ttctgcacta cgactgggtg ggcgcaatca gcaagggaaa      300
gcttgattgg agttcttaca cggcagcaca gctatctatg ctgtcattca tgaacctcca      360
catcatctgg ctcaagctcc tgctccctgg cgaatgttcc gactttgggc attggttgat      420
ggaatggacc cgcctgagaa catggtccgt tgtgtaagca acaactacag cagcgagctn      480
ttctggcgag catggnaccg ctcgtaacaac gatgggtgat cangtcattt acattcccct      540
ttggcgggtc atcggtncgc aactggggaa ccactgggag actatcttga cctttctcat      600
gggggttacc ttg              613
  
```

<210> 330
 <211> 590
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

```

<400> 330
cttacttttg aggattcaag cgaccgttaa tttattctca aaaatgtctg caccggccgt      60
ggttcttgca tctgcagcag gtgcttccag caatgctact tttcgtgata aggagaagcc      120
catggcgggt cgtctctcca acatcgtcgc tgcccagacc gtcgccgatg cgtcagaac      180
ttccctcggt cctcgaggta tggataaaat gattcgaggt qgaaaaggcg aaactatcat      240
  
```

caccaacgat	ggaaacacta	tgctgaagag	catggctgtc	atgcatccca	cggcaaagat	300
gcttgtcaac	ctttccggtg	ctcaggatgt	cgaagctggg	gacggaacaa	cctctgtcgt	360
cgctatttgt	ggcagttctg	tcgggtgtgc	tgaccgactc	ctctccaagg	gtattcaccc	420
ttccgttatt	tcggantcgt	tccaaagact	gccgccgctg	ccgtcgaagt	tcttcacgat	480
atgtcccttc	ctatcacctt	tagcgacact	tcttcgcttc	ttcaagccgc	caacacatct	540
ctgtcatcca	agatttgtgc	acaatatctg	aacctgctcg	gaaccatggc		590

<210> 331
 <211> 668
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 331							
cacacaccca	cttcagcctt	ccacccccac	aaccatcaac	acaacaacaa	caactttcta	60	
catcatatca	atcatcaaca	atggctcgca	ctaagcaaac	cgcccgaag	tccactgggt	120	
gcaaggcccc	tcgcaagcag	ctcgtttcca	aggtgcccg	caagtccgcc	ccctctaccg	180	
gtgggtgtcaa	gaagcctcac	cgctacaagc	ccggtaccgt	cgctctccgt	gagattcgac	240	
gataccagaa	gtccactgag	cttctcatcc	gaaagctccc	cttcacagcg	ctcgtccgtg	300	
agattgcca	ggacttcaag	tctgatctcc	gattccagtc	ctccgccatc	ggtgctctcc	360	
aggagtcctg	tgagtcctac	cttgtctctc	tcttcgagga	caccaacctc	tgccgccatcc	420	
acgccaagcg	tgtcaccatt	cagagcaagg	atatccagct	tgcccgcgcg	ctccgaggcg	480	
agcgcaacta	ancgcttggg	gtgatggaag	gataacgaat	tttttgcttt	gacacgangg	540	
aatatcatgg	gtatggggat	aatcaaggcg	ttcactagga	acatgtttta	tacacangct	600	
tgnacactaa	atggcaagcg	agtttagctg	ccctttcaca	atcgacaaa	aggtctttta	660	
tngttttt						668	

<210> 332
 <211> 1027
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1027)
 <223> n = A,T,C or G

<400> 332							
ctagaccctt	ctttgaactc	cgaccaacgc	tctcagcacc	aaccttttag	acttcgcgcg	60	
cgcaaccttt	ttcaggttaa	ctttctcttc	gacttgctaa	atatataaga	aggactacag	120	
cttgcccttt	gttgtcttgt	ccaagatctc	ctcttagcag	cgcatacgac	acagcccacc	180	
ttgggcccc	acgttcataa	tgttgaagat	atggctgatg	aaaaaggagc	agaaagatgc	240	
agagaacgct	gaagggtcaag	cttctggcgg	taagaagaag	aaggngaccg	cagcccagtt	300	
ggcggtgcaa	aaggatcttt	cagaactttc	ctcggtctga	cgatgaagac	agagttcctg	360	
atcttgacga	tattctcaac	tttgtcttta	ccatcgaccc	tgatganggc	atgtcccga	420	
acngggggtc	acattcgact	ttaccattta	ccagaacttc	cccacgagcc	ccccaaaatt	480	
cgatgccgag	aaaagattta	ccattccaac	atcgatcttg	aggggaaggt	gtgcctgaat	540	
attctgcgag	aggactggaa	gcctgtgttg	aacttgaacg	cagtgattgt	tggcctacag	600	
ttcctttttc	togaacccaa	cgcacgggac	ccgctgaata	aggaggccgc	tgaggatcta	660	
cgaaacaacc	gggaaggcct	caagcgcaat	gtgaggactg	ctatgggagg	tggagtgggt	720	
aaaggcaaga	attacgaag	ggtctctcaa	tagagagcgt	gcgaagaagc	gaataccaac	780	
acgattttgg	gatgaacaac	tacggaggca	aagaacccaa	tcggggatct	tgagatgata	840	
gaacgacttc	aatgagcgtt	ttgatacgac	gaacgacatc	atcggagacg	aaagagcatc	900	
acgtggcgtc	ctatgggtct	ataatccgga	caggcttlgc	ttattatccc	caaggcgttc	960	
tatgtatggc	ttgatgangg	gtgtgtcttg	ttgaanaatc	ggacggaggc	ggggtagaat	1020	
tggagat						1027	

<210> 333
 <211> 799
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(799)
 <223> n = A,T,C or G

<400> 333
 caaacatcct cggaatata gntattaata acacagtatt cgtcaacaat natgtcaaca 60
 ataaccctctg atgcgcttca gtcgggacag gctcctgtta ttcccttata cttcaatggt 120
 aaccagcccg agaagggtgac gctctaccog ntttccaact acacatttgg tgtcaaagag 180
 actcaacccg agggaggatcc atcagttatt gctcgcttaa agcgactega ggagcactac 240
 acagagcatg gcatgcgcg taegtgtgaa ggcattctcg tctgcatga aaacaacccat 300
 ccgcacattc tnatgctaca aatcgcaaat gccttnttta agctcccagg cgattacctg 360
 cgccccgaag atgacgaaat tcaaggcttc aagtcgcgac tgcacgagag attggcacc 420
 gttggtcggt tgggggaggg cgaaaaagct ggcgactggc aaagtaggcg actgcttacc 480
 ccagtggnng aggcccaact ttgaaacatt tatgtatccg ttcacccctg cgcattgtgac 540
 caagacccaa aggagtgcaa aaagctttat ttnattcagc tgcccaanca aaaggttttg 600
 agcgtcccta aaaacatgaa gctccttgcc gtcctctctc tcgagctcta cnacaatact 660
 ggcgatatg gccccagct ttctgcgatt cctnatctgc tgagccgata taactttgag 720
 ttgnggaca anaatggcaa cgttggttgcg gccactccan gttctgcnc ccaaganggt 780
 ttgtcccca cacaagtg 799

<210> 334
 <211> 800
 <212> DNA
 <213> Fusarium venenatum

<400> 334
 cttcatccaa catccatoga ggacccggcc gtcaccacta acgacaatca agatgggtcaa 60
 cctgcgaact cagaagcgcc tggcctcatc ggtcatcgcc tgtggcaagc gcaagatctg 120
 gctcgacccc aacgagcaga gcgagatctc caacgccaac tctcgtcaga ccattccgaaa 180
 gctcatctcc gatggcctca tcatccgaaa gcccgtcacc cagcactcgc gatcgcgagc 240
 ccgcgagctg aacctcgccc gacgagaggg ccgacacogt ggctacggta agcgtaaggg 300
 taccgcgat gctcgatgc ccagccaggt cctctggatg cgcgcctcc gagtcctccg 360
 ccgtcttttg gtcgaagtacc gtgccagcgg aaagatcgac aagcacctct atcacgagct 420
 gtaaccacag agcaagggtg acgccttcaa gcacaagcgt gccctcgtag agcacattca 480
 cctgtgccaag gctgagaagg ccgcgcgagc tgccctccag gaagagatgg atgccaaagc 540
 tgggaagaa aaggctgccc gtgagcgcaa gtaggagcgt ggggtggcga agcgaaatgc 600
 cctccttgcc gaggaataaa tgtaagccca gtggacaacg acaacatttc ggtcttagga 660
 ggaggetgca taaggagtct acgggttggg tcttttttta tgcccttctg gtttctacac 720
 ttgtaccggc ggggttcagg catgtagcat tgaaaatgga atcgatgatg ctcggatgct 780
 tggatgtttt ccattttaag 800

<210> 335
 <211> 763
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 335
 cccatctttt gctcaatat ccctcgctcaa attttcagc tttgtgtcgg tcaaggcggt 60

ttgcgagttt	ggagacaatt	ttttcacttc	catttgtctt	tttcctccgt	ctctctttat	120
cttgtacctt	attgcttctc	cggtttcacc	ggctgactcg	gccagggttt	ttgtgaggtg	180
catctatcca	tctgctatca	tattccactc	gacaagttac	ccccgcagtt	gttctgatta	240
gcgatcttga	ctgccgcctt	cctcctcccc	cacgcgaccc	tcctctcattt	ctaccgcggg	300
ctcgcctctc	ccagcaaata	ctctcgaaat	ggcagacca	cacgaggtcg	atctcgactc	360
cataatcgac	cgcctactcg	aggtgcgagg	cagccggcct	ggcaagcaag	tccagcttct	420
tgaagctgag	attcgatacc	tttgcaacca	ggcccgtgag	atcttcattt	ctcagcctat	480
cctccttgag	cttgaggctc	ctatcaagat	ctgnggtgat	atccacgggc	agtactacga	540
tcttnttcga	ctnttcgagt	acggggggctt	nccttctgan	gccaaactacc	tntttttggg	600
tgattacgct	caccgaagaa	agcaatctct	tganacatct	gcttgcctct	cgcctacaan	660
atcaantacc	cgaaaactct	tcatecttcg	aagcaaccac	aaatgccctc	tatcaaccgt	720
atztatngat	ctacaanaaa	tgcaangtec	tataacatcn	agc		763

<210> 336

<211> 657

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 336

catcgccgtc	cgttgactcc	gaaaagcttc	aaagctacga	ctccatcacc	catcgctccc	60
tgggttttcc	gaccaccatt	tttgaccgtc	aatctttcac	ccgcaagaaa	gatttaattg	120
caatatttca	aaatggctgg	cgtgcacga	gccctcggtt	tcattgtaccg	catggcggn	180
ccgcctcag	ctgctgtctt	cctaggcagc	caggctctat	acgacgtcaa	gggaggaact	240
cgggctgtta	tatttgacag	actgtctggt	gtcaaggagg	atgttatcaa	cgaggggaacc	300
catttctctc	ttccttggtt	gcagaagagc	atcatcttcg	atgtacgcac	caagcccagg	360
aatatcgcaa	ctaccactgg	tagtaaggat	ttgcagatgg	tcagcttgac	actgagagt	420
ttgcaccgac	ctaattgtcaa	ggcccttccc	aagatctacc	agaacctcgg	tgctgattac	480
gatganccag	tcctccctcc	tattggtaac	gaantcctca	agccattgt	cgcccaattt	540
tgatgccgca	aaactcatcc	ccacgagang	gtgtttccac	cgtnttcgna	acaaccttac	600
ccttcgngcc	ggcgaattna	aaatngccct	cgangatggt	tcatttncca	catgacn	657

<210> 337

<211> 658

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 337

ctcgaaatcc	accagggatc	gcgaatnttt	ctcttcagcc	cgttaacct	cagctcgcca	60
acagactcaa	gacaagacac	ctgtagtca	gtccagtc	gacaacacaa	gtcaattttt	120
tcaagatggc	tcaccccgga	tctcagatct	ccaagaggag	aaagtctctc	gttgacggg	180
tctctacgc	cgagctcaac	gagttcttcc	agcgcgagct	cgttgaggag	ggttactccg	240
gggtcgaggt	ccgcgtcaac	cccacccgtta	ccgacatcat	catccgagcc	acccacaccc	300
aggaggttct	cggcgagcag	ggccgcgcga	tcgtgagct	ccctcgcctc	atccagaagc	360
gattcaagtl	cccccagaa	tcctctctcc	tctacgcgc	caaggctcaa	gaacccgtgt	420
ctctccgtgc	ctctcagtg	gagttcttcc	gattannagct	ttttaacagt	cttcccggtc	480
gacgngccct	ctntggggct	cccgttttca	tcattggagt	cgggtgcacg	gggttgagg	540
ttgttggttt	cggtaagctc	cgtgctgccc	gtgcbaagtc	catgaaatto	acccagcggt	600
tcattgaatca	ctctgggtcag	cctgcacagg	acttcattga	acacgccacc	cgtcacgt	658

<210> 338

<211> 577
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 338
 cttggccttg aagctgcgct cctttggctg tttctcttcc ggattatcgt cgacaaccac 60
 tttgtcatca acctttgggt cgtcgtcaac aactaggcgt gtgaatggct tccgccagaa 120
 gctccatgcc gatagcccaa gtgctttcgt aactgaatgc gttgaactcc atcctagtgg 180
 caagactgca atgcctgcca gccactacgg cataacttgc actgatatta cccatcaggg 240
 gggtcaaggt caatgtcggg gataanggtg tcccttgctc gtgggtaacg tcgcgaatcg 300
 tggaccacgg ctgattcttc ctgaattatt cagcgtggcg taatagatth ctccaccagt 360
 gctaaacggc ccgtagactc tctccctatc actgctcgca ngggcttggt ctccgggtt 400
 ctcaacatca ccgcgaaat tatatacacc cctgaagcgg aacaatcttc catctgaaga 480
 ngccaaanct teganccggt actgccacg tcatattgtg ccaatccan tactgtgcgg 540
 cccgtttctta angtgctgtg canaaacaca ctgaatt 577

<210> 339
 <211> 662
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(662)
 <223> n = A,T,C or G

<400> 339
 tttcttttca ctcaagaaga cgatttgacc atacatacca catctacaac gctgtaccca 60
 gctcccttca aactctttct ataccacta acaagccaac accgacataa tggtgacac 120
 cggctcttct gctggctggg aggtccgaca ctccaaactcc aagaacctcc cctactactt 180
 caactcggcc gaaaagctgt cgcgatggga accccctccc ggcaccgaca ccgagaagct 240
 caagcactac atggccaaga accatagcgc tggttcggct cctgggtgcag ttcccgggtg 300
 ccccgagggc aaaattcggc ctgcccatct tctcgtcaag catcgcgaca gccgacggcc 360
 caacagctgg agagaggcgg agattactcg ctccaaggag gaggctttcg agatcatcaa 420
 ggagcagcag caaaagatca agtctggaag tgtcagcctt ggccaagctt gctctcaccg 480
 agtccgaact ctctcactc gcaagcgtgg gggatttggg atacttttgg cagggggaga 540
 tatgcaaaag gagtttgaag atgcttcttt tggcttttct tcaagccaca tgagcgagat 600
 tgtcgaacaa accaagnggt ctgcacttga atgagcgttt ggaataattg gnaaaaaaag 660
 tt 662

<210> 340
 <211> 570
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 340
 tgaagagcgg gaaggctgat gagctgcata aatccatcat cgcctacctc gccgcaaata 60
 acctgcaaga tagcgccaat gccatgagga cngagcttgg tcttgagag gatgctttcg 120
 atcgggccac cgctaagaag tacganacc cgtcggagaa gaaatggacc agtgcctgtc 180
 gctactaaa aaagatcatg gatctagaag cgcagacca gaaccttcaq acagaactta 240

atagcgctac	accgacatcc	ctcgcgaatc	gtagaggaga	ttccgcacat	tggcttccgt	300
ctggccctcc	acgacacntc	cttcaatcgc	atcgaaacgcc	aattaactgc	gtcgcctttcc	360
accctatttt	ctcttctatc	gcgtccggag	atgaagatgc	taccatcaag	atttgggatt	420
gggagtttgg	tgagcttgaa	acgaacgtaa	aatgtcacac	caaagcgggt	ctcgatctcc	480
gattatgggt	gtccaaaang	gcacacanta	cttgccctct	gcagtnccga	tttgacaaat	540
taagcattgg	gaccccttga	acgagtacca				570

<210> 341
 <211> 623
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 341						
ccccagttta	atccccaggg	tgcgcgaaca	gatcagggag	gagatgggtg	tactagaagt	60
attagaccac	ccccacgtcg	tctcatatta	tggtatcgaa	gttcacgcgc	atcgagtata	120
cattttttatg	gagttctgtc	cgggaggggtc	ggtggccagt	cttttggagc	atggtcgaat	180
cgaggacgag	caagtcacat	tggtttacgc	gtcccaactt	ctcgaggggtc	ttgtctacct	240
gcacnaaagt	ggcattgccc	accgagacat	caagcccga	aatattttac	tgcaccataa	300
cggaaatcatc	aagtatgtgg	acttttggtgc	cgccaaaggtg	attgctcgac	aagggcgcac	360
acttgccgga	gatgtacagg	cgtccatgcc	gaaccgatcc	atgacaggaa	cgccgatgta	420
catgtcaact	gaggtgatca	agggcgaaaa	ccctggtaag	cccggtcttg	tgcacatttg	480
gtccctggggc	tgngtcaccc	taaaaatggc	tacggcagga	ngccctgggc	gcaactggac	540
aacgagtggg	caatcatgta	caatatgtnt	caanggaacc	ccccagctt	gcncccccg	600
ataactnaab	ccttangaact	cgn				623

<210> 342
 <211> 1007
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1007)
 <223> n = A,T,C or G

<400> 342						
aatgtctgga	gtcgacgagg	gttatgacat	cnactcatct	ggcagnggtg	cccttnaaaa	60
cagccttttc	aaggttcgatg	atcccgatct	ggcraagggr	atgganacac	ttqtttqcaa	120
gtccatgcag	agggccaaagt	ntacatctc	aggaaagacc	aacaagcaac	tgtggcctna	180
ntatgccttc	aaactgcctt	tctacactca	cttcaccagc	ccaccgcccc	ggtacgcgca	240
tataatttgt	catcgccagt	tggaggctgt	tctctccgag	ggcaagattg	agttcaactga	300
tgacttggag	aaactgcgca	agactgcgca	gtccctgcaac	accaagaagg	actccggtca	360
gaatgtccag	gagtaaaagt	ttcacattga	gtcttgccga	accatggaca	agaagcgaca	420
ggaagccaac	gggtgatctca	tgcctgaggg	tattgtccctg	tggttttaag	agtcagccct	480
tgatgtcttc	attcccgagt	ggggatctga	gaagcgagtc	caatgcnaat	agctagctct	540
gaanaaggcc	gagttccgta	aggagaagcg	tgccctcgag	cttcaactggg	aaaagggtgt	600
ccctagctcc	gggtttgtgc	cgaagatga	ggcaccgaag	gctggggcat	tcattcgaca	660
cttcnaagcn	atcgctgtctc	agcgacaggg	tgaaggaggt	tgaacgtgcc	cgaaaggagc	720
ggaggagggc	tggcccgtaa	gcacacccgac	acccgtacca	tctctactga	cgatggtgat	780
gactgtctcc	aggaunatga	tgacaaacaa	tggtgtgtta	ccganactat	ggccggagct	840
tcactggctg	aaagcccaac	tcagantgtc	ccggttcccc	aaccgatctc	tcattctagc	900
ctgggaacct	gcacccgact	cgtcttgact	caaaggtacc	gtggcagaac	ctggtganac	960
tgcctcacc	aacaaggana	antatctcaa	ctgtttctcg	ctccgtg		1007

<210> 343

<211> 407
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 343
 cgtacgggtg cgtcgggtggc tatatcgtg gtagegccaa gttcattgac gtgatccgat 60
 cgttggtccc cggttcac ttcactact ctttgccctc tgcaccatg gctggtgccc 120
 aaacctctat tgagtaccag atggagtag atggcgaccg acgactccag cagctgcaca 180
 ctggtgctgt caaggaggct atgaacgctc gcgacatccc tgcaccccc aatccctnta 240
 catnattcct gnactagttg gcaacgcgca naccgccaaag gnggtttccg acatgntttt 300
 aacgaactag gattttntgt cnatccatna attcccccag ttcaaggngg gnaggagngt 360
 tttttatacc ntacccccgc catgaaagga atnccnaccg tttttgc 407

<210> 344
 <211> 628
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 344
 tctcgatacg ccttcgcgt atgcacaaggc gcttctatc ctgaccaagg ggtaaccaggt 60
 caacgcgcga gacattgtca acaacgctct gttcagagaa ggacacagcg agatggtcat 120
 tgtcaaggac attgaagtct tctctctctg cgaacacccat cttgtaccat tcacgggcaa 180
 gatgcacatc ggttacatcc ctaacgagac cgtcattggc ctttccaagc tccccgaat 240
 cgcgcgagatg tttgctcgac gtcttcagat ccaggagccg tctgaccaag gaagtgcgca 300
 tgccatcatg gagatccctc agccccaggg tgttgctgtg gtcattggag cgagccacct 360
 gtgcattggtg atgcgtggcg tcgaaaagac taccaccagc accattacca gctgcgttct 420
 cgggtgttcg agcgcaagtc caagacacgc aacgagttcc tcaactcatc ggattacaag 480
 agattagang nagaacccaa angtcgggga ctgncaaagt nogaacaatt cttnaacatg 540
 ctcatgatgg aaatactntt acctatgaac acgcacatna cattntagga aggncccttg 600
 tgggtggatta ccaggnncat accttgtt 628

<210> 345
 <211> 573
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

<400> 345
 gagactcagg tgcnaagatc gctattcttg gcaaaaggctc cgtcaaggag ggcaaggggcc 60
 gggtcgaagc cgcggtatgc agcaaccagg aagaagatct gcattgtctc atcatgggnc 120
 atattgaaga caaggttcaac aaggccaaga agctcattca caacgtcatc gagactgctg 180
 catctattcc tgaaggtcag aacgaactca agcgcaacca gctcgttgag ctgggngnc 240
 tcaacggtag cctccgagac gacnagaacc aggtttgcca gaactgtggc aagatcggcc 300
 aacgcaagtn cgaactgcctt gagaagcaga actacactgc cagtatcatc tgtcgcgtct 360
 gtggtaaacgc cggccacatg gctcgtgatt gtcccgaacc ccaacgtggg gccagctggc 420
 gcaaacacga tgggtgcagcc cgccttgcctg gtcqtatcga tagcggagat gccgtttgat 480

gtgaatacaa caactcatgc nanaacttgg tggaagatct tctggacccc tgcgcgtntc 540
nagccengcc tggcgtcag gacaacggca gcg 573

<210> 346
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 346
aatattttcc cgatttgetg gtctcgatgg ctcccaagga cgcaatcacc gatatggctg 60
ttgtgaactga tgggtttgtt cctattatca agtttgagta ctccgggcac agtatcgatt 120
cgattttctc caggatcacc cagaagcaat tggcacggga cttaaggat ctcaaggact 180
ctggcttgetg gcgcggactg gatgaagcag agctgcggtc tctcaacggc acgcgagtaa 240
cggatgaaat tctcacctcg gtaccggagc aaagcacttt caaaaacgct ttacgagcga 300
tcaaaactatg ggcgcaacgc cgcgcgcttt atgccaacat tatgggcttc cctggtggtg 360
tagcatgggc catgcttgtc gcgcgcgtct ggcaacttta ttccaaagct acgccagcag 420
ttatcgtcaa caaaattttt ctgggtatta gtcagtggcg cttggccgga acctggctct 480
ntnaaaccaa atganggeng gccttttgcc cgttcgtggt ttgnacccc caagntatat 540
naaaggggac actttttaat cttatgccag ncattaatc ccgctatcc 590

<210> 347
<211> 561
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(561)
<223> n = A,T,C or G

<400> 347
gttcgatata caccagcgaa ccagatgggc gacaactcca agaagcaaga ccgtnttatg 60
aagattgttg agcgacagcg tgatcctatg gaacccccga aattcaagca caagaagatc 120
cctngaggac ccccttcgcc gcctccgcc gtcatgcact caccaccccg aaaactcaca 180
gcogaanaca acgagatgtg gaggattcca ccccagttt caaactggaa gaatcccaag 240
ggttttacag tgccattgga caagcgtttg gctgcagatg ggctggact gcaggatctg 300
gccattagtg ataaacatgc tcaatttget gaagctgtca agatggctga gcgtcacct 360
cgtgaagagg ttcaacaacc gtgctatgat gcaacagcgt ctanagaana aqaaaaaggc 420
ncagaaggaa gacaaccttc gagacttggc ccaaaaaggct cgtgcggagc gatccgctgc 480
tgcccggggg ccgtanggat tnccgcggtt cttacgattn tagggacttt tanaactncc 540
agcccnat cgcgaagttt t 561

<210> 348
<211> 612
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

<400> 348
cgcacccacc tccataccca gcacgcgcaa atttcacagc gacaaccgcc gccatgggta 60
tcgatctcga ccgccaccac gttaaqgga ctanagcac tgcaccccaag agcgacaatg 120

tctacctcaa	gctcttggtg	aagctttacc	gcttctctggc	tgcgcgaacc	gatgcctctt	180
tcaacaaggt	tgttcttcga	cgtctgttta	cttccaagat	caaccgacct	cccgctctct	240
tgtcccgtat	tgtcgccaac	atcaacaagg	agggcgagaa	gcgaaccggt	gttggtgtcg	300
gtaccatcac	tgatgacaac	cgtctgctcg	agtgcctcaa	ggtgaccgtc	gctgctctgc	360
gattcacgcg	tactgcccgt	gcccgcattc	tgcgtgctgg	tggatgaagct	atcacccctgg	420
accaaacttg	tctccgtgct	cctaccggaa	gcaacacctt	gatcctccgt	ggccccaana	480
acgcccgtga	agctgtcaac	atttcggctt	cggccccaca	gccacaaaaa	ccttatttcn	540
attccaaggg	tccaattcna	acgtgcccgt	ggcgaaaant	tctcgtgggt	caagtctaag	600
cgtttatggg	ga					612

<210> 349

<211> 608

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(608)

<223> n = A,T,C or G

<400> 349

cttcgagttg	agttgtatcg	atgctctgct	cagcattgtg	gagcttacga	acgcttccct	60
cgatacgggt	atgtttggcg	attattgcaa	actcgacgag	gacgtgttgg	tgaatggggc	120
aaactgcttta	gcattgctctg	ccgagctgtc	ggtggctcgt	tgcgtgggt	ttggaacgcc	180
gaagaccatg	tctggaccca	ggtttactct	gaccaccaga	agcgatgggt	tcattgtggac	240
gcttgtgagg	aagcatggga	caaccctcgt	ctctatgccg	agggctgggg	taagaagatg	300
tcttactgca	tgccttttcc	tattgatggc	gtaccgcacg	ttactcgacg	atatgttcgt	360
aagaaccaac	acgcttctga	gggtaaccgc	atgccctgag	gagggctctc	tctacgttat	420
gcaagagatt	aaaaacatgc	gtcgctccaa	catgaacaaa	ggaccaagcg	cttccgattg	480
gagaaggaag	acaaccgcna	agataaggag	ctttcaagnt	tccgttgttg	cttcaaattg	540
acaaaccgtg	actgacctcg	tccccgggtc	ctggnggat	ccaacncaca	acaancagtg	600
gaagcgat						608

<210> 350

<211> 601

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(601)

<223> n = A,T,C or G

<400> 350

gagcagcttg	cnontgcctt	ccgtgacgag	gtcgctgacc	ttgagaaggg	cggcatcgac	60
gtcatccagg	togatgaacc	cgtctctcgt	gagggctctc	ccctccgctc	cggtgaggag	120
cgtgacgcct	acctcaagtg	ggctgtccag	gctttccgcc	tgtccaccgc	tgggtgtcgag	180
gargccactc	agatacaactc	tcacttctgt	tactctgagt	tccaggactt	cttccacgcc	240
arrgctactc	ttatataccaa	tgtctctctc	atcgagaaca	gcaagtctga	tgccaagctc	300
ctccgtgctc	tgtctgactc	tgagtacccc	cggccacatc	gacctgggtg	ctacgacatc	360
tactctctct	gtgtccccagc	gaagcaggag	atcaaggacc	gcctcgagga	gatgcttcag	420
ttcttcaagc	ctgagcagnt	ctggatcgac	cttgatttgt	gctttaagac	cgtcaatgga	480
aggagactaa	ggangcgctt	accaacatgg	ttaaagccgc	caagtacttc	cgaaaacaag	540
ttactccaaa	ttaatgtcga	ccaacactat	gtgttgtaag	ggttgatgtt	tctgggaatg	600
						601

<210> 351

<211> 567

<212> DNA

<213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(567)
 <223> n = A,T,C or G

<400> 351
 ggctcacgtc cagcgcctttg gacaagttgc ccctgctgcc gctgggtatca tccactacgg 60
 cgcaacaagc tgctacgtca ccgacaacac agagctcatc ctcatgagag acgccctcga 120
 tattctcatc cccaagctgg ccaaggctct ctccaacctt cagtctttcg ccctcgagtg 180
 gaagaacgag cccactctct ccttcacaca tctccagccc gctcagatca gcacagtcgg 240
 caagcgagct gccgcctggg ccagagatct cctcatggac cttcaggagt tcgagcgcg 300
 ccgatctgag ctcaagttcc gtgggtgccca ggggtaccac ggtactcaag ccagtttctt 360
 cgagattttc gctgggtgat atgacaagtg cgacaagatc aacgagcttc tctgcaaaaa 420
 ggctgggttc gaagaatgct acnatatttc taccagaca tacaccgaa aagtcgactg 480
 tcttggttgc aacgcagtcg ctgggtctcg caccagtggt accaagaatg cttctgactt 540
 ggganattct gccaccatga aagaagt 567

<210> 352
 <211> 880
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 352
 gctgcaacta ctgccccaaac aaccgcaaga ggggcaagct ggccgagctg acgaacacag 60
 aggttagtca aaatcgccaa aggagaaaagc acaactgggt cctacgctga tgaccgtgct 120
 ggggttttgat gctctcaaaag gtgggcaaca atgtgaagct acctttcttc ggactggttg 180
 cgcccagcga catcccttc gagattgacc gcgaaaacca caacgatata tacccttcgc 240
 tgagcgagat ggccaagact gcccttcgtg ctcttgagaa ggctactgag aagagtgaca 300
 agggtttctt tatcatgatt gagggcagtc gaattgatca tgctggccac atcaacgata 360
 ccgcgcgtca agttcacgag gttcttgagt acgacaagac cttccgagct gtctcgact 420
 tcatcaagga gagcaagacc gagactgtcc tggtcgcaac cagtgatcac gaaacaagcg 480
 gtctcgctac cgcgcttcag gaacctggtc acctccctgt ttacaactgg taccctaagg 540
 tcttcgccc aaacgcactgcc tcagctgagt ggtcccaagc cgaagctcaa cgcctatata 600
 gctcttaatt ccgaagccaa gaagaacaag gaaaagctca aggagtatat caacgaggaa 660
 ctcatcattc cgtgggtctcg gcatcttcaa tggcttcgga aaagagatta ccaactattg 720
 cgagacaccc gacagcgacc ttgggtctct cttngtctt atttctnttc gcgcccacat 780
 tgggttgagg tactaacnqn cattaacgac ggtgatgtca acatttacag cttcgggttg 840
 accacgaaca agagaacatt cgcgggaacg tggagaacan 880

<210> 353
 <211> 857
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(857)
 <223> n = A,T,C or G

<400> 353
 ggcgagtttg caggccagac agctgaacga ggtgggtctca tgtggcttct cttctggcaa 60
 tttctcatct tcaattgtac ctttgccgac gccgccatcg cgattacga tacagctgaa 120
 ggggggtgga aattggccaa cgtcgtcttc atgctctcgc tttctctctg tgggtgtttg 180
 gcttcgcccg ataacatgcc cggtttcttg atctggatgt accgagtttc gccattcacc 240

tatctcgtgt	cagcgatctt	gtcaactggg	atcggaacg	cagagggttac	atgcacagcg	300
caagagttga	ccacatttaa	ccctcccaac	ggaactacct	gcggagaata	tctggagtcg	360
tacatggcgc	aagctgggtg	ttacttgact	aactacgacg	ccacatccga	ctgcaagttc	420
tgcaccatca	aggacaccaa	cgtttacctc	gaggaactca	gctctagcta	tgataaccgt	480
tggagagact	ttggtattgg	aatgggtgtac	atcgctgcca	acattgttgg	tgctctgttc	540
ttgtactggc	ttgnccgcat	gcctaagaac	aagaacaaga	agcagaagaa	ggcgtaaaca	600
attcatagtt	tgggctctac	cttctctctc	tattttgact	tgatctttct	cttcttttct	660
cttctttttt	gggtaatggg	ttggagattg	ttatagaagt	ggtggaattg	tatttagaat	720
cgcaataata	gaatagaaaa	tggtgtttgt	ggggataatg	attagtttct	cttatgagtt	780
atgcgtcctt	gctctccgaa	ttaatgtttt	ctgggaatga	aaattgatca	aattgactga	840
ctcattgcga	atggaga					857

<210> 354

<211> 1941

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1941)

<223> n = A,T,C or G

<400> 354

catccatcat	caactgtcaa	aatggccaac	cttccccccg	tctacatcgt	ctctaccgcc	60
cgtaagccta	tgggtctctt	ctttggctct	ttgtcaagcc	agaccgctgt	tcaactgggc	120
tcagtcgcca	tcaagggagc	cgtcgaggtg	gcgggtatta	agcctgagga	tgctcgacgag	180
gtcttctttg	gcaatgttct	ctctgctggg	gtcggtcagg	gccctgcccg	ccaatgtgcc	240
cttggcgcgt	gtctccctca	aactgtcctc	gccacaaccg	tgaacaaggt	ctgcgcttct	300
tgcgtcaagg	ccatcctcct	tggtgcccag	aacatcatgc	tgggcacctc	cgatatcgct	360
ggtgctgggt	gaacgcagtc	catgtccaa	actcctcact	acctcccaaa	cctccgaaac	420
gggtgcaagt	acggcgacca	gaacctcgtc	gaagggtgtc	tcaaggacgg	tctgaccgac	480
ttcttcaaga	aggaccacat	gggtatctct	gtcgagctct	gtgtcgatga	ccacgaagct	540
naccngtgga	ngcttcagag	acgaagtctc	catcaacttt	acaaaataat	gctgctcctg	600
aggctggctt	ttgctgaaat	gacactcgtg	tcaagcactg	aggaaggccc	agattcgggg	660
caaaacctac	aagtacattg	tgggtgaacc	tgagggtacc	cctctagaaa	ccatggttct	720
catccatggg	ttcccggaac	ttgggttttg	ctggcgctac	caagttccct	acttcctgtc	780
tctgggattc	cgagtcattg	tccctgatat	ggtggggata	cgcaggcact	gatgccccag	840
agtcctctga	ggagtacaca	tacaaagacc	tctctgcaga	catcaacgag	ctgggtcgca	900
agtatgtcgg	cgaaggacgg	acagatcgtt	ctcgggtggc	acgattgggg	tgccatgac	960
gtctggaagg	tctctacctg	gtaccctgag	ttgatcaagt	gcgtcttcag	tgtctgcaca	1020
ccctacatgc	agcccagaga	aaatttctct	ctctcgaagc	cattatcgca	agcgggtcac	1080
ttctcaactt	tagctacaa	tgggactcaa	gggtttgact	tggagccatc	aatactntca	1140
ntcatgggga	actggcnagc	agtataatct	ctttggaaaa	agggactctc	actcgaacaa	1200
tacgatctct	acctacaaga	ttctgacctt	tatccactgg	atcctgtccc	ttgtcgttac	1260
cgtttaactat	acctttccac	gtcccgacga	tggccacact	cgaaacccga	agatctggga	1320
gcagaaccac	atgtaccgca	ctggtttcac	tctgaaccba	atcatcacct	ccatctactg	1380
gattgtctct	ttcatctctc	agggtgggta	catcggacat	cttttctcga	gcaactctga	1440
catogttcac	gtgctcgaca	gggttggaag	ccacttcctc	ttcaacaacc	tcttccactt	1500
cgcttttggt	atgctctttg	ttcgtctctc	cttccactgg	gctgaggtta	tcttgattct	1560
caacttcctc	aatttttctt	cgctctactt	tggcctaac	acttaccctc	gatttatcca	1620
caatctgggt	gtttctggga	cttggggctg	gacttttggt	gacattactg	gaacgggtgt	1680
ctgatgatgc	cgcctctctc	caacttgctc	ctcgtatctt	tggnaacatc	ttcatctggt	1740
ccatctctcg	ctaattggact	cttcttccat	atggtttaca	aggattacac	aatgggtttc	1800
tggctcagcg	tcttttgctg	cgcctattga	gtttcccaat	tcttccacca	gggtgattgc	1860
ttccagtggg	tcttttgctt	tatcaatatg	gctcttctct	ttatcgccac	tgnctcggtg	1920
gttgccctgt	tgcacaagga					1941

<210> 355

<211> 796

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 355

caacaaaagt	cctattcctc	cgccaccoga	ggatatcggt	aaatcccacc	cttcgattct	60
ccccgcggat	gcagtttggt	cttgggtcatt	gtgacttttag	ttgatgatgg	cttcttctat	120
ggcaatgagg	aagttggccc	tgggcccctgc	cttcacaagg	gocgccaggt	tccctaccgc	180
agctttctct	acaaccogac	ctgtttcccg	agttatcact	ggaaaccgcc	cctctacgag	240
ccaaggaggc	ctctcctttc	gtgagcaaca	aatacgcgtg	ctatccacca	ccaaaatgat	300
gctatcgttg	ttgggtcggt	gggtgcccgt	ctgagagctg	ccttcgagcc	tcgccgagga	360
tggtaaaaac	actgcctgta	tctacaaact	attgccgacc	cgatctacaa	tgacgctgct	420
cnsggtggga	ttaacgctgc	tctaggtaac	atgcacgaag	argactggcg	atggcacatg	480
tacgataccg	tcanggggttc	gaetggctgg	gtgacccaaga	cgttatccac	tacatgaccc	540
gagangcttc	cgtttttatta	tcgagctttg	aaactacnng	tggcctttta	cgaactgagg	600
acggnaagaa	ttaccaacga	gctttttggng	ggcagtcocaa	ggagtaccgg	aaagggnggg	660
caagcctacc	gatgcttggc	ttgccgttga	cnaaccgggc	acgccntttt	taaaantttt	720
tacggcnagt	ccttcgcgca	caaaaacaac	tattttatng	agtntttccc	cctcaacctg	780
atthtgcagg	aagggg					796

<210> 356

<211> 633

<212> DNA

<213> Fusarium venenatum

<400> 356

tttttatttt	cttctactgt	gcggttctgt	tttgtcttgt	tacatcttga	tacccacaaa	60
tctccccoga	aatgcctatt	acacaaactta	gatccgctgg	cgggctggcc	cagcttgcctg	120
gacatgtgaa	tggcgacga	cagttctcta	cacgcccagc	tctgcgcaag	gaacttaaaag	180
atgcctatat	tctaagcgt	gcccgaactc	ccactgcaaa	gttcaatggc	tcgttctctgt	240
cagtgtcggc	tcccaagctt	ggcgctgttg	ctatcaagtc	cgccttaaaa	aagtcaaaag	300
tccccgtcga	gaagatcacc	gatgtgtata	tgggcaacgt	cctccagggc	tctgtcggcc	360
aagcgctgc	gcgacaggct	gccatctttg	ctggctctacc	caaggagggt	gaggcgacaa	420
ctattaacaa	ggtctgcgca	tctggactta	aggccgttac	tttggctgct	caaaaaatcc	480
aaatgggtct	ctctgaggct	caaactcgctg	gtggaatgga	aaacatgtcc	caaagtccca	540
tactatgtgt	cgggggcca	cgggcctcct	gcctttgggc	cacgtcaaaag	atggaggatg	600
ggcctaacaa	aggatggggt	aaccgatgtg	tac			633

<210> 357

<211> 695

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 357

ctctttttta	cggcttctct	caagcctttc	ccttcagctc	cccgtttgct	attctactgt	60
ttctctctct	gttctctacat	ctcaagtcct	accagacaag	aatatcgcca	aaatgtctct	120
ttcggagcag	accttctattg	ctatcaagcc	cgaacgtgtc	caacgttgac	tcgttggccc	180
catctctctt	cgtttcgaga	acggaggctt	caagcttgc	gcatcgaagc	ttgtcaccct	240
cggcaaggag	cacctcgaga	agcactacgc	tgactctgct	ggcaagcctt	tcttcgctgg	300
tctgattgag	tacatgaact	ctggccccc	ctgcgccatg	gtctgggagg	gcggtgacgc	360
cgtcaagaat	ggcgttcca	tcttcggtgc	caccaacccc	cttgcctctt	ctcccggtac	420
catcctgggc	gactacgcca	tgcagctcgg	cgcgaacgtc	tgccacgggt	cgcactccgt	480

cgagaaacgc	ccagaaagga	gattgctctc	tggttcaagg	acggcgaggt	tgtctcctgg	540
aaagtcgcgc	cagttcaact	gggtctacga	aaaggcttaa	atctgtcatt	gatatgacac	600
cctaaatgac	ggaatggaaa	agcacatata	agtgggatga	cttcactctnt	gngggtatat	660
caaaatcaaa	gacaaaatct	tctcaaaaaa	aaaaa			695

<210> 358
 <211> 541
 <212> DNA
 <213> Fusarium venenatum

<400> 358	
gtgtgaattt	catgaacctt caactttgcc atgcaggcta atcgaatcag gttatcaact 60
ctgccgccaa	gaacctctta catttctggg aaggatatca gccctgcaaa catcaccttc 120
cgtgggtccc	atgggtttcc tgcctggttt gccgctcacc actcccagga atactccgcc 180
tggtaaggca	gtattcccggt tcttaagggt gtttctccct ggaagtgcgc aagatgccaa 240
qggtctcttq	aaggccqcca tccataaccc caacctcttc attctctctg agaacgaatt 300
gargnacggg	cagagcttcc ccattgtcga agccgcccag aaggacgact tggttattcc 360
cttcggcaag	gccaagattg agcgatccgg caaggacttg aacatcgtgt cccctagccg 420
cactgttggc	caatctctga ttgccgctga aaaactcaag aagaaatacg gtgttgaagc 480
cgaagtcate	aacctgcgat ccataaagcc tcttgatgtt gaaaacatca tccagtcctg 540
t	541

<210> 359
 <211> 819
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 359	
cagaaaatga	gtattaactt aagatctagc tattcatgat aaaatcactc actctcacgt 60
gatacccctc	actccacgcc acgtgccttc ataaaaatcca ccataatcgaa gaaactcttc 120
ctatatcgcc	tctctctgct cgtcctgttc actgttttga tcccaaactg agcagaataa 180
tctccaaatt	cccaattatc actgaaaagac cacgcatagg ctccataaac ttcaactccg 240
tcttcccaga	tgcctttgag agtctcggac aagaagctca agtagtagat gcttcggggg 300
gtatcaaaac	gctgatcaga tagctccttc tctgcctcgc cgaaaacagg gaagccaaac 360
tctgttagag	ctacgggggt tctccatgtg ttgtgcagat agttgaggta gcttcggagg 420
tagggtgggtg	tgatgtacac gtatgtgtaa gaccggtagc ccgatgttcc acccgtgaacn 480
gtcgtagtag	tttgattgac gcagtaccgt ccggaagtag aagatgagtt tgatgcgcac 540
ctanaatact	gnccttgnog tctnggaaca ngtggngcga taccgnggca gtatatggat 600
cgatgccata	aagcagccgn gcccgccatg tacttganac ttctctntta acgggacaaa 660
gtcatcaaaa	gcttttttaa tgactcgggt aatcttggcc aggtanatag gatgcaaaag 720
ggncacnttg	gatggattga atgggcccga acatatcatt cncctacttt tngganccga 780
gggaaccnaa	gtnttggtgg aacttgaacn aatnttctc

<210> 360
 <211> 546
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

<400> 360	
ctctgggtttc	cccttttgccg gtgctgatgt tggaggcttc ttccggcaacc ctgagaaaga 60

cctacttgtc	cgttggtacc	agaccgggtgt	gtggtatccc	ttcttccgag	ctcatgcgca	120
cctcgatgcc	cgacgtcgag	agccttatct	cctaggcgag	ccttacactc	agatctcgac	180
cgccgntatc	cgactccgat	acactctcct	gcccgtttgg	tacactgcgt	tccacagcgc	240
ggcacaggac	ggaagcccca	ttatccggcc	catgtttctg	acgcacccca	ctgaagaggc	300
tggctttgct	gttgaggatc	aattcttctg	tggttcaacc	ggtcttntgg	tgaagccggt	360
cacggagcag	ggcaaggaat	caagttgaca	tctggattcc	tgatgatgaa	atctactatg	420
actactttac	ctacgatgtt	caaaaaacaa	agcaagggca	agcatnttac	agnagcgca	480
ccactagaaa	aaattccatt	ctacttccga	gggggacata	ttattccttg	acgcgacact	540
tcttga						546

<210> 361
 <211> 611
 <212> DNA
 <213> *Fusarium venenatum*

<320>
 <331> misc_feature
 <322> (1)...(611)
 <323> n = A,T,C or G

<400> 361						
aaagagtcac	tgagcatcgt	ccatthttcaa	ccccaaaacaa	acaccatcaa	attcacctac	50
gacatcggtg	cccagcatgt	cgatggactt	ggatgaccag	cctatctcca	tagccctgt	120
cgctcagcag	caggggtgctg	caactattct	gtgctgcaac	tgtggtgccc	cgatcgatgg	180
aactgcatac	tctggtcgtc	tctgctatga	ctgcatcaag	ctcactgtcg	acatttccca	240
gggcgtccag	cgagaggcga	cgctcaactt	ctgccgagac	tgcgaccgat	ggctcatgcc	300
ccccaccagt	tggattgtcg	ccgtcccgga	atctcgnaa	ctgttggcac	tgtgctcaa	360
gaaacttcga	ggactgaaca	aagtcctgat	cgtcgacgct	agtttcatnt	ggaccgaccc	420
cattcgcgaa	gagtcagggt	caagatcacc	attcaaagatg	aagtacagga	cgggntgctg	480
ctccaacaaa	cttttcgangn	cgtgtatggt	gnggcgtacc	aacagtgcc	tgattgngcc	540
aagtcataca	cttgcaacnt	ntgggggaacc	cgthntccaa	gtccccnaa	anggttttta	600
naagcgaaac	n					611

<210> 362
 <211> 434
 <212> DNA
 <213> *Fusarium venenatum*

<320>
 <321> misc_feature
 <322> (1)...(434)
 <323> n = A,T,C or G

<400> 362						
gaactacccc	ctcagtcgtc	gcttttcgccc	aggatggtga	gcgactcgtc	ggtgtcgtctg	50
ccaagcgtca	ggcgtcgtc	aacccagaga	acaccctctt	cgctaccaag	cgattaatag	120
gacgaaagtt	caaggatgct	gaggttcagc	gcgatatcaa	ggaggttctt	acaagatcgt	180
tcagcacacc	aacggagacg	cctgggtcgc	tgccgtggcc	agaactactc	tccctcccag	240
attgggtgnt	tgcctcaac	aagatgaagg	agaccgccga	ggcttacctc	tctaagccca	300
ccaagaacgc	ccctcgtcac	cgctcccgcc	taacttaacg	acttnttaagc	gacagagac	360
taanggtgct	ggtaaaaattg	ggggcctcaa	cgthcttctg	ggcgtcaacg	agcctatggc	420
gcccgttttg	ctta					434

<210> 363
 <211> 589
 <212> DNA
 <213> *Fusarium venenatum*

<320>
 <321> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 363

gnaggaagca	gccaaggctg	ccgaggctaa	gcgcgccgaa	tacaacctgc	ctgccgtctc	60
tggcgtccag	cacaagaagt	ccgacaagg	tgctaagctt	caagatctcg	aggaggctgt	120
tggtgacaac	gccgcagana	anaacgtgct	cttgctcctg	acaagaccgc	aggtttcaag	180
atgtacaagc	gccgtcagga	gaagtaccga	cctgtcaacg	cccgtctcaa	ggactgggct	240
gagctgagtt	cccgtcttga	ggaggatgag	cttaagtacc	aatctgctcg	ttgtatggat	300
tgtggtgttc	ctttctgtca	atctgagact	ggctgtccta	tctcgaacat	cattcccaaa	360
tggaacgaat	tagtcttcca	aaaccagtgg	aaggatgctc	tcaaccgtct	cctcatgact	420
aataacttcc	cogaattcac	cggtcgtgtc	tgccctgctc	cttgtgaaag	tgcttgtgtt	480
ctgggtttatc	aatgaaaacc	ctgggtggcat	caaaatctat	cgagtgttgc	aatcatcgac	540
cgaggtttcc	aaaatgggct	ggatggggcc	tcaacctccc	aaggttcgc		589

<210> 361

<211> 568

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(568)

<223> n = A,T,C or G

<400> 364

caacgaggat	gttgacaaca	actntctcta	cactcagccc	gaggacattc	tcaacatcta	60
caacacccctc	tctcccatct	ccccctactt	ctccatcgcc	gctgggtttg	gcaacgtcca	120
cggtgtttac	aagcctggga	acgtcaagct	ccaccccgag	cttctcgga	agcaccagge	180
tcattgtcaag	gaggccctca	agtcgcagaa	cnacaagcct	gtnttntttg	tcttccatgg	240
gggtctcggc	tcctccaaag	aggagtacct	cgaacgcctc	ggctaagggt	ttgtcaaggt	300
taacgtcgac	actgacatgc	agttcgccca	ctgctctggt	atccgagact	acatgggtcaa	360
caagcgcgag	tacgtcaaca	ccaccgtcgg	caacccagat	ggcgaggaca	agcccaacaa	420
gaagtncttt	gacccccgtg	tctgggtccg	ngaggggtgaa	aanaccatgt	ctaagcgtgt	480
tgnttgangc	tttngangac	tttaaccccc	ccaaccagnt	tntaatgccc	ccggaaacac	540
ctcaanggnt	ttaaatgata	tncccaat				568

<210> 365

<211> 630

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(630)

<223> n = A,T,C or G

<400> 365

ctttcttgggt	ggcgaggcca	cttcaaaagga	cgagaggaag	cttgtcnaaa	aattagattt	60
cttcattctt	acctaactgtt	gtttcaqnta	cttcttcaaa	cttcttgatc	gttttggttt	120
tgctaattgac	tatgttgggt	gtcttctgtga	gtcaactcaac	atgagtgggc	atgaactaaa	180
caacgttntt	tctgtcaacta	ccgtctggaat	ggccatcggc	caactaccca	acgggtatcat	240
cattccaaaag	gtcaggccctc	gcattttgggt	accttcgatg	gttgttttat	gggcgcgccat	300
gaactatgctg	agtgtctgtg	tcacaaaact	caacccaaact	tgcttcaccc	gtttcttctct	360
tggtctcggt	gaagtcagta	catactctgg	cggcatgtac	atcatcqaag	catggttaaaa	420
gcttgaggaa	atcccaaaa	naactgacct	gtttgggtga	tctggacaaa	tggnaccatg	480
ttcgtctggcg	tgatgatgac	gccatttcata	agggcatgaa	aagaatgggt	ggactacaag	540
gttggcagng	ggtatttcac	atcganggaa	tcattactct	tnccattggc	gttttggggt	600
cctctacttc	cctgatacac	ctgaaaacnt				630

<210> 366
 <211> 505
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

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<400> 366
ctcccatttc tcaatccacc tactttcatgc acaccgaccc caagatcttc cctgagccct      60
ccaagtccag gcctgaacga tggatcgaag ctgcagagaa acagattcca ctcaagaagc      120
atatcaccaa cttttctcag ggctcaaggc agtgcacogg ttacacaatg gcctttgctg      180
agatgtatct tgctctttct cgcattgttc ggggttacga ggttgagctt tatgacacca      240
cctcagcccg acattgacat gactcaccgc cgcattgttg gctatccnag ggcaattcag      300
gcangaccga gcattgttgt gaaattngan tcaaaaggttc tcaaaagcttt ggaaactaca      360
atcgggactg tcttactatc atgctggata tctcactgaa tcaacgggtg ttctctttgt      420
ncaagttaat ttcggtatgc gaaggatgaa aagttcataa tantnacatt taaatattga      480
aatcaaagtn ctttatttaa actcg                                     505
```

<210> 367
 <211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

```
<400> 367
gccttgaggg cggcagaaca acctccagag caagatgaag tactccctct ttgtcggcgc      60
ctcggcaggt tccgagacgg agaaccgatg ggctgctctc gacatgatca acagacgaag      120
ccctcaccag gtccgcaagg atattgccaa gggaatcaac tctggacgca tcaacttctt      180
cgacaagcat ctgtccatgt tccctctga tctcgtttat ggtttctaca ccaaggaccg      240
tcccaacagc aaccttgatg tcaactgttg cgaagctacc gacattctcg angatggcag      300
cttcgttctt ggtgcctctg ttggtgctac tcttgagctg atccaaatgg ccgataagat      360
catcatcgag gtcaaacactg ctatcccttc cttcaagggt cccacgatat cacctttacc      420
gactcctccc caccacact tacaacatca ccgccgttga agacgaatgg tccattcgtc      480
aanatgaccc tccaagtctc ctatctcatt cgatatggga gcacgggtcca cccctatgga      540
canactctcc canatgcggc attgataatc tcacacaagt cccaggtnc                                     589
```

<210> 368
 <211> 622
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

```
<400> 368
ttcgagaacc aagatattgc tctcctccgc aaqccttact ctcttgatgc ctcttctctg      60
tctgcatctg aggaggatcc ctgggagaa cgtgtcagaga caaacgacct ctccaacaag      120
aagctgaact tgaagtgcac acaacccgag cttgagctta tccgcagaa cgcgcagctc      180
atcggcacac gagctgcccg cctctcggcc tgtgggtgtg ctgctatctg caagaanaan      240
aactaccaat cttgccatgt cgggtcgtgac gggtccgtat tcaacaagta ccccccactc      300
aaggagcgtg gtgccaaggc tctgcgggag attctcgaat ggcccagaaa ggccaacaag      360
```

aaggacgagg	accctattga	agtcttgact	gctgaggacg	gtagcggtgt	cggcgcccc	420
tgattgccgc	ctgaccttaa	gcgaatcaac	gagggtaaca	tgnggggtat	tcttcccccg	480
agaacttnaa	ataaactcaa	agcggaatcn	atttaacaaa	gngngagggg	aaacacaacn	540
gtttaaaaat	ggaccggaaa	atgganaaa	gggtgtcttg	natatanccn	gataacacga	600
ngggatctca	nggctacgaa	ng				622

<210> 369
 <211> 615
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

gctccttacc	ggtgacaacg	atgggtctcat	ctacgtgaca	acacgcaccg	acggagggtgg	60
ctgggtcact	gacaaccgac	ctttccaggg	ccaccagagc	agtgttgagg	agttgcagtg	120
gtcgccgtcc	gaggtctctg	tattttgcctc	tgctcaagt	gacggcaccg	ttcgcatctg	180
ggacgtgcga	tccaagtctc	gcaaggctgc	catcaccatg	caggtgtcaa	atgttgatgt	240
caacgtcatg	tcttggtcgc	gccagcaaac	tcacctctc	gcctccggtg	acgacaacgg	300
tacctggggc	gtgtgggata	tccgccagtg	gaaggccagc	tctgacaagc	cccaggccat	360
cgccagcttc	aacttcaaca	aggagcagat	caccaagtgt	cgaatggatc	ccaccgacga	420
ctctattggt	gcggttgccg	ccgccgacaa	cactgttacc	ctgtgggata	tggccgtcga	480
gctggatgat	gaggagagca	aggacacagc	cggcgtcaag	gatgtgccgc	cccantctct	540
gttcgtgcac	tacctgaagg	acgttaagga	ggtacactgg	cacccccata	tcacgggaag	600
cttggtcgcc	acggg					615

<210> 370
 <211> 720
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(720)
 <223> n = A,T,C or G

aaacaactac	gggtccagca	tcgacaattc	gactctcatt	ctccacata	gatatctcgt	60
catcgccac	actcccagat	atcaacaaat	cttatacttg	cagaagtttt	agacgatagg	120
agaattggcg	atttcacat	gccttcgca	accggtcaa	actgggaqaa	gtaccaqaaq	180
acttttgccg	acgatgaggt	agaagagaag	aagatcacac	ctctaacaga	tgaggatata	240
caggctctca	agacctacgg	tgccggccct	tatggaacgt	ctatcaagaa	gcttgaaaag	300
caaattaagg	agaaacaaca	aagcgtcgat	ganaagattg	gagtcaagga	atccgacaca	360
ggaattgcgc	cacgcacatc	atgggatata	gctgccgata	gccaacgaat	gtccgaagag	420
canccctttc	aagtagctcg	ctgtacgaan	attatcgccg	acgagaaggg	cgatgagtec	480
agaacaaggt	ntgtcatcaa	cgtcaaacag	atcgcaaagt	ttgtcgtaca	gcttgganaa	540
gggtcaacc	ctgggatata	gaggagggca	tgccgggtcg	tgctataggg	aaacaaagtc	600
tgattatgct	ttccgctgac	cccaagatcc	gacgcgagtg	tacgattatg	cccggtggaaa	660
aaaagccctg	gcctncccta	cggcgatntt	ggtngttgca	angaacaggt	naaaaagggnn	720

<210> 371
 <211> 745
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 371

taaaatcttt	gattttgctt	ctctttttctc	cttttcaatt	gaactcttcc	aagttttattg	60
tcttgctatt	cacaagtgcc	caacatgcag	gcgcgaagac	aactaatcac	atcaacgcag	120
cgcattggctg	ctagtgcctg	ggctcgatca	gtccggccac	ttacacgagt	aatcgcaaca	180
caacctttta	gaccaacatc	ccttcgctta	ataccaagca	ttgcagtcag	gacatatgcc	240
aatggccgac	ctcatcctcc	agggcggtact	caccgcgatga	atatgggtgg	tgatgaggag	300
aaacctgctc	tggaacaatt	tggtgtcgac	ctgactgctc	gagccaaaga	cggcaagctg	360
gatccagtta	ttggcagaga	tgccgagatt	cagcgaacga	tccaaatttt	gtcgagacgt	420
accaagaata	acccagttct	catcggtaat	gcaggaactg	gaaagacagc	aattcttgag	480
ggccttgctt	tctgattggt	cgtggcgacg	tncccgaaag	tgtcaagaac	aagagggtca	540
tcagtcttga	tctcgtttcc	ttaatcgccg	ggccaaagtt	taaaggagat	ttcgaagaga	600
gaactgaagaa	ggctctttgac	agaagnggag	canggcgcga	gggagaagta	attctattca	660
tcgatgagtt	acacaccttc	ttgggccttc	qnaaaagggcg	anggttcttc	cgatgacttc	720
aaccttttga	anctgntttt	acttg				745

<210> 372

<211> 735

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 372

cttcactctcc	ctttttctccc	ctttcttccc	ttcttctctca	accacaactt	tccaaactatt	60
tctgtgctctg	aaacccaaca	gtcattgcga	cacttgaatt	ccaccactct	tgacagcaca	120
cttaaccgctt	ccacaacaac	catcacctgc	aacatgcgca	gcaaattcaa	ggacgagcac	180
ctttctcgaga	agcgcaaggc	tgaggccgag	cgcattccgac	agaaatacgc	tgaccgtatt	240
cgggttatct	gcgagaaggt	cgagaagagc	gatatcgcca	ccatcgacaa	gaagaagtac	300
ctgggttctg	cogatatgac	cgtcggccag	ttcgtctacg	tcattcgcaa	gcgaatcaag	360
ctatcccccg	agaaggctat	cttcactcttc	gtcgacgaag	gttcttcccc	aaacagctgc	420
cctgatgagc	agcattttacg	aggagcacaa	ggatgaagga	cgggttctcta	tacatcacct	480
actcggcgga	gaataccttt	ggcgaaaagt	aaggccgatg	atgcaggatc	ggtttatctt	540
ccaagtcngg	aatgacgaag	gcgttacggc	cgtattttgg	gtgaatggtt	tgatggncac	600
cttgcattggt	cttatcaact	ttccgggggc	aaaaaacggg	actcgaataa	aatgcttaat	660
gggttcattat	gggaacaata	catccttcgg	ngttgnccca	tagggcacca	ccacntnttg	720
tacncccaaa	aaaaa					735

<210> 373

<211> 593

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(593)

<223> n = A,T,C or G

<400> 373

aaatccacaa	cgagtcagaa	gccttgctattg	gagtcctctgc	gtccgggtga	nnaaaagtcct	60
tggttaggggt	atgtggtaaa	ggtaagggtgc	ggttcgtcac	gtcgtctctgc	attcggttaat	120
agtogaactc	aagangggcg	tcttttagctc	togaattcga	ngggcaatat	agtcgttcga	180
atgcagatgg	tatagaggcc	gggagcacgt	actggcattc	atatatccan	acaaatagtt	240
tcattggtgc	gaacgacaat	tagtaagccc	anatttttaag	caaagaatcc	catgatcctg	300
tgcaacaggct	tgtaccgtta	ttgctcactc	naaagcagct	gacnagggttc	tngtggccaa	360

ccagagagcc	aaccttttca	cctnggggtga	tatcccagac	cttgcaactca	aagtcacnat	420
aaccggcgaa	aaggagaccg	ccccacacaa	aagtagcgac	ggaagtgata	cgcgaanaaa	480
tggaactccna	cccgtagagg	gtgagctcgc	catccccacn	gatattaaaa	agtcgacaag	540
taccatngtc	ggaccggtaa	cnaaagagtg	gccatcangg	aaaaactgga	tgg	593

<210> 374
 <211> 601
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

<400> 374	
cacaaggtdca	acgggtgttgc
gacttcgtcg	aaaatctatg
tcgcggttgg	ctccaccaag
agggcaacggt	ttcctcaagg
caaagagttc	cgaaaggaat
gctcatcaag	tctaccgtgg
caagcgaatc	cacgagtaca
cctttacctt	aagtctctat
ctttggaggc	aaagctgcac
tgctgtcggg	ctccgtagtt
	aaacaacgaa
	ngaggatatt
	ggtgaccttc
	tcaaagggtga
	601

<210> 375
 <211> 794
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

<400> 375	
gctctagata	ccctcaaccc
actcccagga	gcttctcgag
tcactgtoga	gggtccctgc
ctcaccagca	ccaagaagaa
gctcgtaccc	tcggaactgt
ggcttcaagt	acaagatgcg
cagaactcgg	agaccgactt
gtccgcggaa	ttgtcatgca
gagcttgccc	tctcttgtaa
cagatctgcn	gggtgngaaa
ccgagaaggg	caacgttgtc
cttttggcgt	ttctgggtct
caagaaaagg	gtaccaaaa
ccgananaaa	aaaa
	794

<210> 376
 <211> 627
 <212> DNA
 <213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

```
<400> 376
gcttatccat gccaccttaa ctatcgcaat cctctacttt ctcaaacaac ccccgtttta      60
aaccttttagc cttgcttaat caatatgctt tcttttatcc tcattcaaaa cgcacagggc    120
aagactcgtc tcgccaaatg gtatgcccct tttagtgcag agcaaaagat caagctcang    180
ggcgaagtcc accgtctcgt tgcgccccgc gatcaaaaat accagtccaa ctttgtcgag    240
ttccgcaaca acaagatcgt ctaccgcccgc tacgcccgtc tnttnttctg cgcctgcgtc    300
gacacaaacg ataacgagct ggcattcctn gaggcatttc acttcttcgt cgaagttctc    360
gatgcctttt tcggaaatgt ctgcgagcct gaccttgctt tcaacttcta caaggtctat    420
gccatcctcg acgaggtgtt cctagcgggc gagatcgaag agacgagtaa agcnggttgt    480
gctcagcng gtggagcctc tcgacaaatt aaaataaacc cgcncctcca cgtttggagg    540
ctcgaaaaaa tatgaaaata accaaggccn ttttntttn ttttttttn ccccgcatat    600
caaaagtggg atttgaatct aatatata
```

<210> 377
 <211> 646
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(646)
 <223> n = A,T,C or G

```
<400> 377
ggcccgcgga gcaactcaaga ctgtacataa ttttcaaac gactacaacc ttcaataatc      60
atatacgggt cgtttcagta tcttcaaaat gtcattcggg ggccaaacgc caacgattat    120
cgtctctcaag gaaggaaccg atactttctca aggaaaggga caaatcatct ccaacatcaa    180
tgccctgtctc gctgttcagg ctaccatcaa gtccacccgt ggtccctacg gcggtgacct    240
tttgatgggt gatgagaatg gcgcgcagac tattaccaac gatgggtgcta ccgtcatgaa    300
gcttctcgat attgtccatc ccgcgcgcag aattctcggc gatatcgccc ggtcgcaaga    360
cgccgaagtc ggtgatggaa caacatcagt cgttggtgct gccggtgaga tcttcaagga    420
ggttaaggag cacgtcgagc aaggcgttag ctctcagatc atcattaagg gcctgcgaag    480
ggcgtctcaa atggcaagtc aacaagatca anggaaattg gcacagcac gaatgangct    540
aaccaagcgt gatactctca tcaagctggc tggcactggc atgaccaaga agctatcaag    600
cgaaacattc tttttaccaaa atgntgcagt ctgttttcgt tcgatn
```

<210> 378
 <211> 639
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

```
<400> 378
gatcaagatt atcagcccgag caatgttact ctatccctcg qaaacgacga tcaaggettc      60
tggggatgt ctggccatgt ggctgccgag ctggcatttc ccaacccttc ttcaatcag    120
ctgggtggc tagctctcgc tcaagctgtt ttcaaacactc aagccaatcc tgacccgacac    180
gacgatactt cgggtgggtgg tctccgatgg cagatccctc gannnaanaa cgggttaagat    240
tacaagaaca gtatcgccaa cggttgttcc ctcaaccctgg gtgcgcgact tcttcgatac    300
acgggcaaca agacccatgc cgactgggct ganaagacat gggactggat tgagggcggtt    360
ggtttctctg accccaccag ttataagatt tatgatggcg gtcacgtcgg aaagaactgt    420
ccgatataca acaaggccca gttcttctac aactccggtg tctttcttca gggcgcttgc    480
ctttatgtac aacccaccg atggctcgca aaagtgggaa ccaccctcgc aataagttgg    540
```

gtgatgcccc atctnaaact tntttcctaa agacattggt gttgaaatcc ctgggaaaac 600
 cactacactt gcctaaaana tgtcttcttt aagggtac 639

<210> 379
 <211> 590
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 379
 ctgactttga cctgcgcgct cgacgcaggc ttgataaatc atcatggcga tccactacct 60
 tatttctcta tctcgccaag gcaaaagtgcg ccttgcctaa tggatcttaa cctctcacc 120
 caaggataag gccaaagatcg tcaaggatgt ttcccagctt gtgctcgctc gtagaacgcg 180
 catgtgcaac ttctcgaat acaaggatac caagatcgtc taccgcgat atgcatcgct 240
 tttcttcctc gccggctgct cctccgatga caacgagctg atcaccctcg agattattca 300
 ccgatacgtc gaacagatgg ataaatacta tggcaatgtg tgcgagcttg atattatctt 360
 ctccctcacc aaagcatact atattctcga cgaaatcctt ctgcggggcg agctgcaaga 420
 gacgagcaaa aagaacatct ttcgctgcct cggtcagcaa gactctcttg aagatatgga 480
 agtcgaggan gaaattacca agattatggt naattcccca caatcttggt attgctgtcc 540
 ggcactaatt cnaactcct cncgaaacat cagatgaaac cgtccaantt 590

<210> 380
 <211> 654
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 380
 ccaaaactga acaaaccatc acaatggctg ataaagaacc tacacctgcc gagaccgctg 60
 ccgctacggc caaggaggcc gaggagcagg ctgctcttcc ctacaagtgg actcagacca 120
 tgcgtgagct caacgtcacc tttgacgtgc ccggaaacct caagtcgagg gatttcgtca 180
 ttaccatcaa gaagatgagc ctacaggcgg gtatcaaggg tcaggatcca atcatccagg 240
 gcgatctccc tcaagccgct caagttgacg attccacctg gactcttagc accaactcag 300
 atggcaccaa gactgtcgag atccatctcg acaaggtcaa caagatggaa tggtagcctc 360
 acgttgctac ttctgctccc aagatcgacg tgaccaagat ccagcccgac aactctaaagc 420
 tgcccgatct cgacggcgaa accgcgggca tggttganaa natgatgttc gaccagcagc 480
 agaaggagaa nggtctaccc agctntgaca acaaaaacaag ggggacatnc tcaanaagtt 540
 ncaggcgeng ccccccgaga tggactttta gcaaggccaa gatccagtga acaaaaaaag 600
 ttttttatgc ctaaaattat attaaaaaag aaaacgttcg tttnttgtgc gggg 654

<210> 381
 <211> 543
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(543)
 <223> n = A,T,C or G

<400> 381
 gacgagaacc gacgaacttg tgcgcgagcc ggtgcacacg acattaagga gcatccatcc 60

tttagaacga	cacaatgggc	actgattcga	cacatgaagc	caccgattgt	tcccatgccc	120
ggacgaggag	ttgataccgt	caacttccga	aacgtgaagg	agagcgagag	tgtcgacctt	180
tcaggatcaa	gggcgatgaa	cctaaagggg	gtaccttttg	acagtgggtc	agctactcct	240
ggcgggtgaa	ttcccgaccc	attccttgag	tttaacagtg	tcaccttgca	tcattgatggt	300
gatgatgac	accaccgctg	atthtgaaat	accgacttct	atthaggaag	ttcgggacac	360
tgctgttate	gggtgacctc	gataccta	tgacatgtc	gtcgtacgta	tacgcattggg	420
tttacgatct	gaaattcttg	caatggggcg	tctttttttg	ctttttttcc	catcactcca	480
cacacttgac	actccttang	acntctgctg	cttanaangg	aaggaagaaa	aaatcgagaa	540
att						543

<210> 382

<211> 522

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(522)

<223> n = A,T,C or G

<400> 382

aggagattga	gaagctcaag	cacgaccccc	atgtcgagta	cattgagcag	gatgctgtca	60
tcaccatcaa	ggctactgtc	gatacaggaca	atgtcctttg	gggtatcgcc	cgtctttcca	120
gtcccaagcc	cggtagcaag	acctaaccct	acgacgagag	cgttggtgag	ggtaactgtc	180
cttacgtcat	tgacaccggt	atcgatgttg	agcatccccg	ctttgatgga	cgcgccaagt	240
tcctcaagaa	ctttgctggt	ggcgtgatg	gcgacggta	aggtaacggt	acccacgttg	300
ctggaactat	cggctctacc	acctaagggt	tcgccaagaa	gccacctttt	acgccgtcaa	360
aggtcttggg	gatgaagggt	cagnatcaac	tnttgctgta	attgtggcat	ggactttgnc	420
gctggcaenc	cgatccgaaa	ctgcccacag	gnccgttgtt	aacatgtttt	tggnggggaa	480
actccatgct	gnaaagcgct	gcaaaacatt	gnangtggct	gt		522

<210> 383

<211> 590

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 383

acatattttaa	ttcccaaccat	gatgagggtct	tggcgatctc	tggctggctc	aactcgccag	60
ctaagatctg	cctttaaaat	ccaacctcat	actctcccaa	aaccatcatg	tcttggtctc	120
ggaaactcgca	agcttcaactg	ctctacgata	cgggaagtcgg	gggtggcttc	taaccagacc	180
atgtccttcc	cctgccttga	tgccctagaa	tcacgctctg	cgaaaactcac	agacgacgat	240
accgaacctc	cttatacatc	cggcgcgact	ctaaaattacc	accacaagga	acctttcttc	300
tggactgggg	tggtattcta	ccagagttca	apategctta	cganacgtgg	ggtagactca	360
acggcgacaa	gtccaaacgt	attctattac	acacgggctc	atcggtctcg	tcgcatgcgc	420
attctacaga	aacaaatcca	agccaggatg	gagggaagag	taattggaa	gggtgggtct	480
cttgatacga	acaagtacca	cgttatctgc	acaaatgtca	tengcggttg	caatgggtct	540
acaaggacag	taacgtonat	netggaaatg	gtgaacgcta	cggcaatang		590

<210> 384

<211> 624

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(624)

<223> n = A,T,C or G

<400> 384

cgccttcac	atgtctacca	acgacgaccc	taaatacgac	gacatcgggt	ccgagtctga	60
ctctggagag	tctgtcggcc	acaacgaggc	tgccgatgag	aagcctctca	agtcggctct	120
caagaagtcc	aaccagctg	tcgccgagcc	cgccactcaa	aaacctctc	tgctcccca	180
aaccgacccc	aaagacctcg	atgtcgccag	cttgactcct	ttgacggccg	agattatcgc	240
ccgacaagcc	acaatcaaca	tcggctactat	tggccatgtc	gctcacggaa	agtcaccctg	300
cgtcaaggct	atctctggtg	tccagactgt	togtttcaag	aacgagctga	tccgaaacat	360
taccatcaag	ttgggttacg	ccaacgcca	gatctacaag	tgtgataacc	aagcttgccc	420
tcgacctgga	tgtacccgaa	gttacaagag	tgataaggag	ggtgacctt	cttgtgaacg	480
agatggatgt	ggcggctact	atagactatt	gcgacacgtc	tnattcggcg	attgncctgg	540
tcacgatatt	ctcatgagta	ctatggtggc	aggagctgnt	ggcatggacg	ccggcctttn	600
cttatccata	anaacqaane	ttgg				624

<210> 385

<211> 1088

<212> DNA

<213> *Fusarium venenatum*

<400> 385

gcaacagcgc	cgtactcgga	ggctgggtctg	gtatccagta	cgttcccgac	tttacctct	60
catccaccag	cattttcaag	attgccaccg	ctatcaaggg	cgagggtgc	actcctggag	120
ctatgtgttc	ttacgcctgc	cctgctgggt	acaaaaagac	ccaatggccc	tccgctcagg	180
gtgcgataaa	ggagtctgtt	ggtgggtcttt	actgtaacga	gaacggcaag	ctcgagctga	240
tcggtgagga	cttcgacact	ctttgcgatg	ctgggtgttg	tggtgtctcc	atccagaacg	300
tcctcgacga	ggatgtcgtc	acttgccgaa	ctgattaccc	cggaactgag	aacatgggtca	360
tcctcgctct	tgccagcgc	ggtagctccg	tcaacatctg	caacctgccc	caggacaagt	420
actatgtctg	ggatggctct	ggcacctctg	ctcagtaact	tgtcaacaag	aagggtaca	480
gcattgagga	cgttctgtgt	tgggacaacc	ccaagggcga	ggacgctggc	aactggctct	540
ctgttctctc	cgtgtctggc	caagctggcg	atggcaacac	ctacatctct	atcttccaga	600
acctgcctac	tagcactgca	ttgctcgatt	tcaacattga	gatcaaggga	gatgttaaca	660
ctaagtgtct	ttacgttaat	ggaaagtggg	gcgagggcgg	atctggctgc	actaccacca	720
tcoccaaagg	tggcaaggct	gttatccgat	acttctaaac	aaaagtaatt	tttacttgct	780
gagtaagatg	tgcgttttgg	aacttctttg	tcaatattct	gggtggcgag	gctcaaggcc	840
tttcggctgc	aggtcacgga	cgaacccgag	tagcgggaata	tccggctgct	cgcacgagcg	900
aagtccccc	cttttgagct	ggttaaaaata	ttttaagtgc	tgtctggata	acgaaaagga	960
ccgatatttg	atttgatggc	cgatcttggg	tgtctttttg	atgtcgggtc	ttttgccacc	1020
cgtaacttgt	tttgcgaaatt	attttcatac	cgtcagcacc	tacttataca	ttgcattttt	1080
ggattggg						1088

<210> 386

<211> 591

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 386

ctcttttacc	ctcaacttct	ccaaggggtgc	atcacaagtc	atcgggcaat	actaccagct	60
ctctggctct	gcaaaagcag	gttaccgggtg	ctatcatgag	gacctcacc	gnacagcaqa	120
ctacctgaca	gaaacactag	agaatctagg	tttctgctac	atgtcagaac	gttcaggcgc	180
tggtctcccc	ctcgttgctt	tccgcttcaa	gaccacggac	gagggcgggc	acctgacccg	240
ttactacgac	nagttcgccc	ttgctcacca	cctgcgctct	cgaggctggg	ttgtccctgc	300
ttacaccatg	gctcccaatt	ctgggtgtaa	gatgttgctg	gttgttgctc	gagangactt	360
tacaaagagt	cgatgtgacc	agcttctctg	cgatgttaag	ctgtgcatag	gtcttttta	420

ggagacagat	caggagtcga	tcaagaacgt	gaaaattaca	tcaagaacca	tattgttgcc	480
atggggcttg	gaaancacct	caccccgttt	tacaaggaca	acaacatctc	ttcagggcna	540
gcatgcaaga	nacacnctat	tgctaaancg	cataaaaaga	tgaatattgg	a	591

<210> 387
 <211> 577
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 337	
atcttctaca	agaaaaggca actgtgaaaa gggcaagaag tqcaagtctt cgcacgacct 60
ttccgtggag	cgcaagacag agaagaagaa cctgtncacc gatcaacgag gagatgaaga 120
agaaacgaag	aagccgagac ttcagcagat tgggacgaag acaagctccg aagtgttgct 180
ttgtcaaaga	agggcaacca gcagaccacc actgacaaag tatgcaaatt cttcatcgag 240
gcaattgagg	atggcaaata tggttggttc tggatctgcc ccaacggagg agataagtgc 300
aagttcaagc	acgctcttcc acctggattt gttctccaga ctaaggaaca gagagcagca 360
ganaaggcgc	tcattggataa atcaccgctt aagactctga cactggaaga tttcttgga 420
tctgaacgaa	ncaaattgac aggaaccctg acctgtgac acctgagtct tccccccagt 480
gganaaanga	tcgacttgac cagaaaaggcc ctgaagaaca ggcnccnctg cttagganaa 540
cttggtctgt	ctatgtttona aanccgaaaa tggaagg 577

<210> 388
 <211> 632
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 388	
ggttgngggg	gtccacgaca gcaatatcgc cagaaacctg taaaaactct tgcgactcgg 60
atttttaaatt	ctcaccgagg aagtatcagc catgggtgtc canaaaaaga ctcgcaagtt 120
cgacagaggtc	aagcgagtta tcggtcgtcg cgatgccagg ttgaaggana acaagctcaa 180
ggctgagttg	gcgcagaagg agaaggaaaa gaanaccatc antggcgaga ttatccgaga 240
agctcccca	atgcttagca acatgttctt ccagcacaac acagntcttg tcccgcccta 300
cagcgttctc	gtcgatacca acttcctcag tcactcagtc cagcgaaggc tctctcttct 360
cgactccatg	atggattgcc tctatgcaaa gtgtaacccc atcatcacat catgtgtcat 420
ggctgagttg	gaaaagcttg gacccaagta ccgactggcg ttgagggttg cgcganacga 480
gcgatggaca	ccacttgagt gcgaccacaa ggggtgtata ncanatgact gntttggngg 540
accgagttgc	aaaaggacaa aattttcatt gnggggcaca aacgataggg ggcttaaaaa 600
acgaactacgc	aagattcctg gngngcccat ta 632

<210> 389
 <211> 722
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(722)
 <223> n = A,T,C or G

<400> 389

cgatctat	ccggtctttg	gctaacgccc	ctcggttgtaa	tcactactac	ctttaacttc	60
ttaatcaaca	acccacattc	acaatggctg	gcggcgatct	caagaagggt	gccaacctct	120
tcaagacccg	atgtgctcag	tgccacactg	ttgagaagga	cggcggcaac	aagattggac	180
ctgctctgca	cgggtctctt	ggccgcaaga	gtggtaacct	cgatgggttac	tcttacaccg	240
atgccaaaca	gcagaagggt	gttgagtnng	aacgacaaga	ccctctttga	ctacctcgag	300
aacccaaga	agtacatccc	cggtagcaag	atggctttcg	gtggcctgaa	gaaggagaag	360
gaccgcaacg	acctcattgc	ctacctcaag	gactctacca	aataagcgac	tacaaatcgc	420
gtgtaatggt	acgactttcg	atagatggga	accgccaagg	ggcgactgta	ctatagattt	480
ttacacaagc	acttggttaag	acatgccacg	tgcttaccca	ttcctatctc	ctctttatgc	540
gtctccgtcc	gatacacttt	ttttaaagaa	aagcccggcg	ttggacgagg	caaacgggaa	600
tgaacatgag	acattagaac	atgagatgtc	cgctctctcg	cattcagaga	ttattgtttt	660
attatgatta	gacagagatt	aaaagcttct	cgaattctca	cctnttaccg	caaaaaaaaa	720
aa						722

<210> 390

<211> 75

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 390

ctcgacaacg	ccgatacgct	attccccctc	ggcatcacga	caaccgcaat	catgagcgcc	60
accaactcgc	ttcagtgtct	cggtaagaag	aagacggcta	ctgctgtcgc	ccactgcaag	120
gcgggtaagg	gtctcatcaa	ggccaacgga	cgtccccctc	agctcgtcca	gcctgagatc	180
ctccgcttca	aggtctacga	gcctctctct	gttggttgcc	tcgacaagtt	cgccaacatt	240
gacatcagag	tgagggtcac	gggaggagggt	catgtctccc	aggtttacgc	tatccgacaa	300
gctatcgcca	agtccttggt	tgccctactac	cagaagttcg	tcgatgagca	ctccaagaac	360
ctcctgaagc	aggtctctgt	ccagttcgac	cgaaccttcc	tcgttgccga	caaccgccgg	420
tgccaagccc	aagaagttcg	gtgggtcccg	tgcccggtgc	cgcctttcag	aagtcttacc	480
gttaaacggg	tcaagatggt	tgtcggggatg	gggcacaaaa	gcgtcgagtc	gganccgatgt	540
tgacgtggag	gatacaacgg	gcagtgcnaa	aaaggaaccc	gagtcacaaa	tttccctggn	600
tttggggaatg	ggttaacctat	tgacatttgg	catggccttg	cttttgccgg	attgtacagg	660
atctggcagg	caaatgaaat	ctttcaagtt	aactatgcgg	ctcacgctgt	aatgggtgtg	720
atgtcaatga	actgtctctc	cgtgggaattg	ctccg			755

<210> 391

<211> 281

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(281)

<223> n = A,T,C or G

<400> 391

ctggntcttt	tacogtcaca	tgcccttatt	ttttccctat	gaaccttatt	ccaggactac	60
gcctacgtgt	cgaaggggag	gctgaaattc	agggcatcga	cgacgctgag	attggagagt	120
ttgcctatga	ttatgtcgag	ctcaccggag	aagttgtcag	cgacatggac	aacgagtctg	180
gaagccgata	ctcagctgat	ctcaccgggt	tccaacacta	cgagaagaac	catatnccca	240
tgctcgatgc	tcgnatgntt	gctgggcacac	ctgncctatg	+		281

<210> 392

<211> 705

<212> DNA

<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 392
 ctggggttgac caagcccgta tccccgaccc tgaggccaag aagcccgagg actgggatga 60
 ggaagccccc ttcgagatag ttgacgaaga ggccaccaag cctgaggact ggctcgagga 120
 cgaggccggt accattcccc accccgaggc tgagaagcct gatgactggg atgacgagga 180
 ggatgggtgat tggattgcac ccactgttcc caacccccaa tgtgccgatg cctctggctg 240
 tggcccttgg actcagccca tgaagcgcaa ccttgactac aaggggcaagt ggaccgcgcc 300
 ttacgtcnga gaacccctgca tacaagggca cctgggctcc ccgcaagatc aagaacccca 360
 actacttttga ggacaagacc cctgccaaact tttagaccca tgggagctat tggcttcgag 420
 atctggacta tgcaaaacga catcctcttc tgacaacatc tacatcggtc actccatttg 480
 gaagatgcca acaagcttcg ccgaagagaa cttttgggtt caagccacct tgttgagaaa 540
 ggcccttcgct gaaggccgat agggcccaagc aggaaggaca agnccccgat cttctaacga 600
 acattgaactt natggangga tctnttccat ttcaattacc cgagnaaaat tgaccttttt 660
 aaagggcant tgttgggcaa gnaccccatc tcangntttt taaan 705

<210> 393
 <211> 632
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 393
 gccatnctgc acttcaacaa cgcaccaagg gttaatgtcc ccgctcgacg attctttgccc 60
 gtcaagacct gctctgacct catgcttgct aagtctgac tctacacatt gaagcacggc 120
 cagcttcaaa tgagcgcgc ccgcttcggt gacgccccct tgattaagct tgggtggtgat 180
 ttcaagaagg tctcagactt ccagaagcga atccccctca tcccccaagg gttggagctg 240
 gaccacctac catcactggt gccgtcaacc tcggccgtgg tgtgacgctc aagggcaccg 300
 ttatcatcgt tgccacagaa ggcagcacta tcgacatccc acctggatct atccttgaga 360
 acgttgctgt gcagggtagc ttgcgtctgc ttgagcatta aagtgggggc atgttggaat 420
 ttgtgcgctt atgtgcgcga tgttggtctc ngagtccat tgncaanggc ttttgaagtg 480
 gatangataa ggnngngata catttggtaga catttttaag caaatttttg anggaaaagg 540
 atattnttgc tatngcattg gangaatggc ttccgcgtca ngnggggggt naaggggaggt 600
 cagnaattcta nctcgactt tttacgcttn gg 632

<210> 394
 <211> 620
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 394
 gagacccctg ggggagtttt taagagactt atcaacccta ataccactat tcttannang 60
 aagtcaccag tcttctccac cgcgcgcgat ttccagaccg ccgtcgagat caaggtctac 120
 cagggtgagc gtgagctcgt caaggataac aagcttcttg gaaacttcca gcttggttgg 180
 atccctcttg cccaccgtgg tgttctctca gtgcaggtta cctttgacat tgacgcgcag 240
 tccattgtcc acgttccagc caaggacaag tccaccaaca aggaccagtc tattaccatt 300
 gcttccggtt ccggtctctc tgagagcgag attgagcaga tggttgagga ctctgagaag 360

tacgccgaga	cttgcaagga	gcgcaagagt	gctatcgagg	ctgccaancg	tgccgacagc	420
gtcttgaacg	acacttgagc	gtgctctaac	gagatgctga	caactngaca	agaccgaggg	480
cgcttnatca	aggaaagatc	acactttcgg	gagtcggttc	aaaacttttt	gggaaggcat	540
tgttccgtn	cggattaagg	gaanacngtg	actcaggtnc	agttgacttt	tatagatcca	600
aggccgaaga	cacaggggnn					620

<210> 395
 <211> 596
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(596)
 <223> n = A,T,C or G

<400> 395	
cgaaggtagc	cttgagaaat
caacaacaac	attgtgtacc
cgactttaat	ggctggaacc
gaaattacga	tccctgcccc
ttctcttttg	acttgccccg
gtgacacang	acttgccgt
tcccgagacc	tacaaagttc
taonaagcac	acgtttggcat
ccccaaaaaca	tgctcccttc
tggtatggaa	catgcgtact
	tatgcnagtt
	ttnggattat
	aaaatnacaa
	cttttt
	50
	120
	180
	240
	300
	360
	420
	480
	540
	596

<210> 396
 <211> 624
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 396	
ggcgtctttt	gagtccttcc
gcaatcgtag	acctcctctt
cggttcatac	ctctactcat
tttcccccgg	caattctcaa
tgcgctcgtg	gacaagattc
tacttccatc	gctgacgcgg
aaagtctgaa	ttttatgacg
tgcgcagaa	cacacgcgca
cagtcgaattc	gaaccataca
agctcggcgc	atcgggtcaa
ttccanggta	aatacnnccc
	tttg
	50
	120
	180
	240
	300
	360
	420
	480
	540
	600
	624

<210> 397
 <211> 815
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G


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<400> 397
caaatgaatg agcaacaaga cccacagtcg gcaaacaccg cgggttacga gtttgaaggt      60
gtaaagggaac aagaccgctg gtcacctata gccaatgttg ctgcgattat gaagaatgcc      120
cttcctgaaa atgccccaaat cgcaaaagag gccaaaggaat gcatgcaaga atgtgtcagc      180
gagttcatct ccttcattcac aagtgaagca tcggaaaagt gccaacagga aaagcgcaag      240
accgtcaatg gtgaagacat tctttttgcc atgacatccc tcggctttga gaactatgct      300
gaagccctca aggtttactt gagcaagtac cgagagcaac agaaccaatc caaccgagag      360
agggtaaaca tggataacgg acaatggggg tccggtacta tgatggggcg tgccaaggcc      420
gaatctggcg ccggcgagtt tggacatgaa ggcaatagcg ttgaagggtg tgaccccaac      480
tacatgtatc agcccggcac aacggtaatg ccgcgaagg gtattagtgg aatcgatgg      540
cttggtggcc gcattttcga atgatgaacc agacgagaca ggcgaaagccc aagcttatac      600
gataagccca nccaatacaa cagtgtctgac aagatgaagt cgacaaccag tcatcgatcc      660
ccttttacct aancgtttcc aagccatana agccgacctt nttgnttgaa ctaaacaatc      720
gtntggctac atcaaattda gatgatnqga tgataatgga aaaacacctg gaccttggan      780
gggatganaa tgaacccaan tctttttcaa aaaga

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<210> 398

<211> 640

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(640)

<223> n = A,T,C or G

<400> 398

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agaaggctgg agagggtcaat gttcagggtta tccatgaccg acattacaac aagaacgtca      60
aggttgatga cnaagatggg cattacattg ttatccctga agctgaactc acggacaaat      120
accaaactgt cegtcttctg ggccaaggaa cctttggcaa agttggtgaa gcccgcgacc      180
gcaaacgtaa caaggccgtg gctgtcaaaa tcattcgatc agtccagaaa tacagagatg      240
cctcgagaat tgaacttcgc gttcttgaga cctcaaacg aaatgacgag gagaaccgta      300
accgatgcac tcactgcga gactgttttg attaccgagg ccacatctgt atcgttatgg      360
acttgctgga ccaaagtggt tttgactttc tcaagggtaa tggttttgtt ccattcccca      420
acaagtcaag attcaagagt ttgcgcgcgac aactctttac cagcgttgcc tttttgcacg      480
atctcaatct aatccacaca gatctgaagc ctgagaacat tttgttctgc gaccacgect      540
attaaacgtt taactacaat cgccagatcc ttcttctctn cactgttaac gccaggcccc      600
caacnccgtg tgtntctnaa ctgaatccgg ttaaccattt

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<210> 399

<211> 592

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(592)

<223> n = A,T,C or G

<400> 399

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atctgtctctt tctcgcgctcc gcaccatctg ggtcgccact cacaactcca tgggtctcgg      60
cgaagggaatg gtcctactca ccacctatt gaaaactctt gctcaactcc ggcctctccc      120
caacaacatg gtcctggcnac tgctgacggg aachagacca gcgggtgctta ctacgtctgc      180
ttgattgcca agcacaaccc taqcatcatt gctctgtctc gtcagaacct taccacgctc      240
gagggtctctc ccattgaaaa gctgcacaagg gtgggttacgt cctgcgcgaa gttgaagggtg      300
ctgacattac cctgggtttcc accggttctg aagtttctat cgcgctcgac gcgcgcaagt      360
actcgaagan canaaaaaca tcaaggctcg cattgtctcc atgcctgtct ttgaagcttt      420
cgactccaaa gacaaggaat accgcctctc tgtcttccc acggcatccc tctctgtcca      480
ttgaggtgat aacacatggc tgggaagcta cctcacaaca ttongtatca atgatccgtg      540

```

ctctngtgct acaaggactc tacaaaaatt caattcaccc cnaaggtncc cc

592

<210> 400
<211> 618
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(618)
<223> n = A,T,C or G

<400> 400
tgacaggaga atcagaagcc aagcacgttc aattctcttg cctggaagct tacggtgcat 60
caatecccat caaaaaagct attgaccccc aaggcgatgt gatactcgcc tatggaatga 120
atggccaggg gcttcggcga gatcatggat tcccattacc tggcatttgt ccaggacatg 180
ctgctggcgg gtcagtgaaa tgggttgaac atgtccactc cagtgatgaa gagagcacat 240
ctcaatggca ggcacgcgat tacaagtgtt ttggacccaa ccaaacacag gttagactggg 300
ataccgcacc ttctatccag gaaatgcctg tccagagtgc tataacgact tgcaaacttg 360
gtgattgggg gaagagcaat gatacttatg ccaagcctgc ttcattgaca ggctatgcat 420
actcggggcg cggccgtgcc atagtccgcg ttgatatctc tgcagacaac ggcaagactt 480
ggccccaggg ttccatcatt cccgattgct cgacgaaaga nggtgaacaa tctccctgct 540
ttggtcacgc cgnctgggct tggcgaagat ggaagtcca tggacctgct cgntgagcgc 600
tttcgagaca tcagagcn 618

<210> 401
<211> 584
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G

<400> 401
caaaactacca acaaaacacc acatctttca acaacaatgc ctccgataaa gaagaaaggt 60
caggccgggtg cctccaagaa ctacgttacc cgaaatcagg cgattcggaa actacagatt 120
agccttcccg acttccgaaa gctatgcatt tggaaaggaa tctaccctcg cgagccccga 180
agcagaaaaga agtttccaag tcattctacca gctcgaccac cttttactac accaaggaca 240
tccagtabct gctccatgag cctctgcttc agaagtccg cgaccagaag gttctcgaga 300
ajaagatctc tegtgcgctc ggtcgaagag atgtcnctga tggcgtctgt ctccaaggta 360
aggtcgcgcg cctcgagaan atggaaaagcc tegtacactc cttgatcatg tctccgagag 420
cgctatccta ccttcacoga tgctatccgc gatctcgang actgtctgtc aatgtctctc 480
ctcttcgcca atctgccttc aacaagctca gtcttgctaa gangatgccc gttggaacgc 540
ctctgctcaa ttccacacta tcttatgtnt caagaactcn caat 584

<210> 402
<211> 587
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 402
cttatctgga tegtgggtga atacgctgag aagatcaaca atgcagatga gatcttggag 60
agctttgtcg agtctttcat ggaagaattc acacagacac aattgcaaat attgacagct 120

gtggtgaagc	tattcttgaa	aaagcctggc	agtagccaaa	atctggttca	aaaggttctt	180
caggcagcta	cagcggagaa	cgataacccc	gatatccgcg	atagggcata	tgtgtactgg	240
cgtcttcttt	cctcggaccc	cgaagttgcc	aagagcattg	tcctatccca	aaagcctacc	300
atcacaaacta	cgatgacaag	tcttccaccc	gctctcttgg	agcagctcct	taccgaactt	360
tctactcttg	cttcagtcta	ccacaagcct	ccagantcat	tcgttggcaa	nggtcgttc	420
ggtgccgacg	anatccagcg	agctgctatc	caggagcagc	gacaaaaacg	tgccgaaaac	480
cctatcgccg	cttcagtggc	cactgcttca	cccaacgggt	ctggcgggtg	tgacacagaac	540
aacattgana	acttgctcga	cattgatttc	gatggtgccg	cgccctgc		587

<210> 403

<211> 514

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(514)

<223> n = A,T,C or G

<400> 403

ctaccatcta	gccaagatga	gtggaaacca	ggttctagtc	tgccgaccct	ccaacgtcgc	60
cgtggatcag	ctttgogagc	gcgtccaccc	cactgggctc	aaggtggtec	gtctcacagc	120
caaatcccg	gaggatgtcg	aatcgtctgt	tagcttcttg	gctctccatg	aacagggtccg	180
tatgtcggag	cacaacagcg	agctcgtcaa	gctctcgcag	ctcaagaacg	agctgggtga	240
gctttcaagt	caggatgaga	aaaagtacaa	gcaactcacc	aagattgccg	agcgtgacat	300
tctcaacaat	gcgcagcttg	tctgctgcac	ttgtgtgggt	gctgggtgac	ccgcctgtc	360
caagatgaaa	gttcagaaaac	gttctgatcg	accagtaact	caatcaagca	gagcccgagt	420
gttgatcccg	ttegtcttcg	atgcaacagg	tgcccttggt	gtgacacaag	cacttgggtc	480
ggcatcatga	caanaagntt	gccaaggccg	gent			514

<210> 404

<211> 678

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 404

nggggaaatg	atgcccatth	tentcctntt	accananaag	atctgagaga	gcgctttggt	60
gatctcaacc	cogatgated	tgaaggctctg	ggctcatgcty	llatgggtca	aggcgcttct	120
atcaacattc	gttcgagcgg	atgtttcggg	ggtcacgggc	taacaatgtc	cgtacaaaac	180
taacatggaa	tccttcaatc	catcctctca	aacgatggaa	agctcctcaa	gcctgaaact	240
gtagacgaca	tgtttcagaa	tcattctcagt	ccgaagcag	ccgctgggtca	tcaagtcatg	300
ctggcaagcc	ctatgggtcc	tttcttcagg	gttggaattg	atgagaatac	caaacttggg	360
catgggtcttg	gaggtgctgt	gacgcttgag	gatatagacg	ggtgggtatgg	tgctcacaca	420
atgagtttgg	ggggagggtt	gactttgact	tcatttattg	accggaaaga	atgatatttg	480
gtgacattgg	agctatttct	gctgctctac	ctatgggatga	cgtgggttacc	caaaaanagcc	540
tcagacttga	angatgttat	taggaaggac	gtctatctnta	aatacgttga	tlggaaagag	600
ggttaaccagt	gatgggtgtca	gatcanngtg	gatacggaaa	tggtccgaca	attaattttc	660
tctacttntt	naaacatg					678

<210> 405

<211> 685

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(685)
 <223> n = A,T,C or G

<400> 405
 atcgtgtcct ctgatagtag ccacctttta taagtcatcc ctctttctgat tgtttctttt 60
 tgcgtgttaa ctctgggtgt aaatcaaaca aaatgtcggc gcaagtattc tccaactccg 120
 gtcattgagga catgattcat gacgtgtgcc tcgactacta cggcgcgaag ctagctactt 180
 gctctggcga caagacgata aagatctttg agattgaggg cgagaccag cgattgggtc 240
 agactctgaa gggatcatgag ggtgtgtgtt ggtgtgtcgc ctgggcgcgc cccaagtacg 300
 gcaacatcct ggcacgggct ggctacgatg gaaagggttt catctggaag gagcagggtg 360
 gacagagcaa cggatggcag cgaatctacg actttccctt acacaaggcc tcgggtcaaca 420
 tcgtctcttg gtctcccccac gaggtgtggt gctgtctagc atgcgcctct tccgacggca 480
 atgtcagcgt tctcagattc aaggacaaca gcatcgacca caccaccttt gccgtcacg 540
 gtctcggcgt caactccgtt tcttggggcc ccagctacaa cccccggcag cattggtagc 600
 agcgtctctg gncctgggtg tatgttaccg gggatttggt actgggtggg gggacaggtt 660
 ctccaaactc tggcctttga ccttg 685

<210> 406
 <211> 598
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(598)
 <223> n = A,T,C or G

<400> 406
 gtcctctcca aggcgggtgt tcaagtcact gttgcttgcc gtactctcgc ttccggccaan 60
 aacctcgcgc gtaactaaga caacaccaag gccatcagcc tcgacgttaa cgattccgcc 120
 gctctcgagc aggcggtctc tgagcacgat gtcaccatct ctctgatccc ttacacattc 180
 catgctgcgc tcatcaaggc cgtatcaag gctaanaana atgtcgtcac cactctctac 240
 gtctctctcg ccattggagg gctccacgag gaggccaagg ccgctgggtat taccgtctct 300
 aacgagattg gtgttgaccc tgggtgtcgac cactctctac ctgtcgactt catcgaccgt 360
 atccaacagg agggaggcaa gatcaagtc ttcaagagct actgnggtgg tctccccgcc 420
 cctganaact ccaacaaccc tntaggatac aagttcaact ggagcagccg nggtgtcttn 480
 tggccctnaa aaacaacncc nagtctacga ngacaacaag ctgggttgaaa ttctccggng 540
 tcnacctgat gaacactggt naacccttac cacangggat accngggatt naactttt 598

<210> 407
 <211> 602
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 407
 tncctactcc gcatctcaaa cgggtctctcc aacbaaacgg catttaaaaca tctcgataac 60
 gggacacatt catctctttt catcaaatat ttatctcctc tatcaacatg actggaagcg 120
 gcaagggcgg caagggcctc ggcaaggggt gtgctaagcg tcaccgaaaag attttgcgag 180
 acaacattca gggatctaca aaqcccgcta tccgaactct cctctctctt ggtggtgtca 240
 aggtatctct tgcattgata tggaggaga cccgggtgtt tctcaagacc ttctcgagg 300
 gtgtcactcc tgatgtgtc acctacactg agcacgcaaa gcgcaagacc gtcacttctc 360
 tcgaagctgt ctacggcctg aagcgacagg gccgtacctt ctacgggttt ggtgggttaag 420
 catttaactg cacacgggtt ggctcttttg gctttgaaaa ggattgtaca agtcgcacat 480
 ttgcagatac tgggatggat gtatttgaca cggcgttggg gaaacacgga tatgatatta 540

ccattaggcg tcatggaaga cnaccttgcg aaatgaatac cacattgaac atttaacttc 600
cg 602

<210> 408
<211> 496
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = A,T,C or G

<400> 408
acgaaccgag attcaactta tttcttttgcg acatttttgcg cccccaacgc ctacttttct 60
cattcttttc gactttttct tctctctttt ttttttttaa ttaaaacaca caccatcac 120
acgatccgat acaatgcctg ctcttttggg aggatccaag accgttcagc gaaagctggg 180
tctactaggt gatggtgctt ggggaaagac atcattgctc aacgtcttta cttagaggcta 240
cttcccaacg gtttacgaac ctaccgtttt cgagaattac gttcacgaca tctttgttga 300
caatgtccac atcgaactct ctctctggga cacagccggc caagaagaat tcgaccgatt 360
acgatccctt tctacgatg acacagatct catcatgctc tgctactcag tcgacagcaa 420
agaccactcg aaaacgtaga atccaaatgg gttngcgaaa tcgccgacac tgcccaggca 480
caaaactcgt cctcgt 496

<210> 409
<211> 929
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(929)
<223> n = A,T,C or G

<400> 409
ctatccatct ccaaaaggtc caacagactc aaaccgccat catgcttata tacaagggtac 60
gatcccgcca ctagggcctt tgctttttat tatcttcagg ctctatcttc atctccctct 120
gctgtgctcc tctgttgcca gtcttttcta ctctctcgcg ttggttggg tatccatctc 180
caaaaggctc aacagactca aaccgccatc atgcttatct acaaggacat cctcaacggt 240
gacgagctca tctccgactc ctacgacctc aaggaggtcg atggcatcgt ctacgaggcc 300
gaactgcgcca tgatcgagga gggtaggtgc aacgttgata tcggtgccaa cgcttccgct 360
gaggaggctg ctgaggatct cgacgacacc gtggtcaagg tcaacaacat tgtcagctcc 420
ttccgtcttc agagcaccct ctccgacaag aagagctacc tgacctacct caagggttar 480
atgaagcgcg ttaaggctgc cctccaggag aagaatgctt ccaagacnag gtcaaggcct 540
tngagaccgg cgctttcaag ttcgtaagg acaagcttct tcccaacttc aaggatttcg 600
agttctacac tggcgagtct atggaccccg atgccatggt tgcctcctc aactaccgtg 660
angacggtgt taccctttac atcatcgtct ggaagcacgg cgtcactgag atgaangtct 720
aagttngcaa taatgccacg gtgatgnttt tggntctgct ccatcccgct tgcaatgaca 780
aacaggcgag cagttgttta gattacgagc cacacgaatc tcgatttcga cgctgggtaca 840
tctctcgaga tgnagcgagc agacgaata aanganngaa agaaagaaag aaagaagcta 900
cgaagtcca actatggtat tttgtcgat 929

<210> 410
<211> 640
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(640)

<223> n = A,T,C or G

<400> 410

gttggtgaca	atggcgccctt	agcagagcag	tttgacaaga	acaacggacg	ttccctttct	60
gccacagacc	tgacctgggc	gtatgctgct	ttcctctctg	ctgctgaccg	ccgagccggt	120
attgtccctc	cttcttgggc	gagcggcgca	gctgttgctc	ctcagcagtg	tggaactcag	180
accgtcgctg	gctcgtaact	gctcgccact	gcaacctcgt	tcccgccatc	gcagactccc	240
aagggcgggc	ttccatcccc	cacgggcacc	cagcctacaa	cttcacctac	ttcttgtgct	300
atcgcgactt	cagttgctgt	tacattcggt	gagacgggtc	ccaccaactt	cggcgagacc	360
atcaagattg	ttggcaacat	ccctgctctt	ggtaactggg	acacttcgaa	ngctgttgct	420
ctgantgcct	ctgactacac	ctcttccaac	cctgtgtgga	aggcaaccat	ctctcttgcg	480
acaggacaag	atatccagtn	caagtnccatc	aacgttaaaa	aagatggctc	tgtcacctgg	540
ggaaaaagac	ccaaccgcac	ctacactgtc	ccaaganatg	cgctacaaaag	gcaccaagan	600
ggataattgc	atcgtaagaa	ctgcatcatt	ccactcantt			640

<410> 411

<211> 587

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(587)

<223> n = A,T,C or G

<400> 411

ggctgataac	aagcctgcct	cactctactt	cgacgacgtc	gcttataatc	tcaatggtaa	60
acagattctc	acaggaatcc	gtgggtattt	caaaccggga	gaagtaactg	ccatcatggg	120
tgcttctgga	gcaggaaaaa	cgacattcct	cgacatactc	gcccgaaga	ataagcgcg	180
acaggttcat	ggtaatttct	atgtcaacgg	agaaaaggtc	gacgatggcg	actacaagaa	240
tggtgttgga	ttcgtggatc	aggaggatac	tatgctccct	actcttaccg	ttcatgaaac	300
gattcttacc	agtgccttac	ttcgacttcc	ccgcgacatg	ggacgtgctg	ccaaggagca	360
acgantnctc	gaagtcgaga	aagaacttgg	cattcaccac	attcgtgact	cccttatcgg	420
ttctgaanaa	agcaaggggc	gtgggtatctc	cggtggtag	aananaactg	ttggaattgc	480
ctgcgaactg	gtgaccaccc	ctcgatcttg	ttctgggatg	aanccaccag	tggcctcgat	540
gcctacaacg	cctacaacgt	tattgaatgt	cttgtgactc	ctgcgaa		587

<210> 412

<211> 717

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 412

ttcttttctt	tttcaagaa	ttttacaatn	aaccocaaaca	aacaccatca	caatgtctca	60
agtcttctgt	cagcgccctg	ggcccgagth	cactgncact	acctctttcc	ccggaggcga	120
gttcagagac	attaagctct	ctgacttcaa	gggacaatgg	gttgctctcc	ttttctaccc	180
catggacttc	accttcgctc	gccttaccca	gacatccag	tacaaacacg	ctctcgaccc	240
cttcaaggag	atcaacacca	cgtcctctgg	tgtctctacc	gactcccaat	tcacccatct	300
tgccctgggtt	gagaagcccc	gcaagcaggg	tggtctctgg	cccgacctgg	agctccccc	360
catcgccgac	aagtcacaca	agatctctctg	caactacggg	gttctgcttg	aggacgaggg	420
catcgctctc	cgtgggtctc	ctatcatcga	ccccaaaggt	gttctctcgc	agatcccggt	480
caacgaactt	tcctgctggc	gcgacgtcga	ngagaccatc	cgtctcgtca	agggctttca	540
gttcacccgac	gagtaccgng	aagngtgccc	ttnttggctg	gcaggaaggg	cggaanacaa	600
ttaaagggcg	ancccaaggg	cagnccttgan	ttttttccn	ccaaggagan	aatggagcta	660
agggatanat	gttagaagac	ttccaaggaa	accogaattn	catttaacac	cgtttta	717

<210> 413
 <211> 631
 <212> DNA
 <213> Fusarium venenatum

<400> 413
 gacaaggaga aagaagatgc tcagttcaat ccagaagagg aggcagtga cggaaatggca 60
 aacggggcca gtggcgagtc gctggacgcc aacaacattg gaactcatca caataccatc 120
 cgtatcaaca agtccgtcca ctctaaaaac caaaagggtc acccagttgc cgcttggaaa 180
 ttatccaacc atcgaatcaa tgctttctca ttctcaccag ataaccgaca tctggcggtg 240
 gtctcagagg atggtacgct aaggatcatt gattatctga aggaggagct ccttgacgtt 300
 ttctactcct attatggcgg gctcacatgc gtttgcgtgt ctccagatgg tcaatacgtg 360
 ctgactgggtg gtcaagatga cttgatatct atctggtcac tatcagaatc agcgctagta 420
 gccagatgcc agggacacca gtcttgggtg tcaagctgtt gcatttgacc cttggagatg 480
 tgaagaatga aattatcgt ttggtagctg taggagaaga tggatgctg tgtttgtggg 540
 attttagtgg tggcatgctt caccgaccca aagegcacac tglgagacac cgcggtcga 600
 ttgcgtacgt ataccggcgt tgcaaaaggc t 631

<210> 414
 <211> 566
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(566)
 <223> n = A,T,C or G

<400> 414
 ggttggtttc ctacctggta cggcgaaact tactttgagc tacacagagg aacgtacacc 60
 acacaagcca acaacaagta ttacaaccga aaggccgagg tgatgctacg ggacatcgaa 120
 caattggcca cgtatgcac aatcaagaac aagaagtaca agtncccaac caaggatctt 180
 gatgatatgt ggggaatcgt cctctctcgc cagttccatg actgtctacc aggaagtagc 240
 attgagatgt gttacgacga ttccgataag gtctacgctg aagtttttga aactggcaaa 300
 cgtctctcga acgatctcta cgattcactc aatattgccg gccaatctc atcaagcctt 360
 aacgaatcgg nggccatcaa cacactgcct tggcacgcaa aagagctcgn ggagctctcc 420
 gatagtgaag tcggtatcgc atgtggtgat ggcaactatt gccctccgct cgtcaagggc 480
 aagaaganaa gcctgcantt ccgtgatgga acagtccacc cgacgtatnt gtnttgcaaa 540
 acgaccaact tccgtgtcgt tgggtga 566

<210> 415
 <211> 633
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(683)
 <223> n = A,T,C or G

<400> 415
 aagaaccttc acaggggcaag aaccatcacc cttgaaggtc gaattctctca gaacactaat 60
 cgaacaaatg ttcaagttcc aagaatccag gaacaaangg aaaggcatte cctccctgaa 120
 ctggcagagc aactgggaatt ttctggcctgg gtttaagccag ctttgaggga atggggccga 180
 cctctctcga ctacaacatc caaaaggagt caacccttca tctcgtctct cgccttctgt 240
 gtggtatgca gatcttcgtc aagacccctc caggcaagac catcacctct gaggtogagt 300
 cctcagacac tatcgacaat gtcaagtcca agatccagga caaggaaggc attcctcctg 360
 accagcagcg actgattttc gctggtaagg agcttgagga tggccgcacc ctctcagact 420
 acaacatcca aaaggagtca acccttcact tctcctctcg ccttcgttgtt gggtcagtag 480

gggcttttat	tactaggtgg	ctagtggcta	ttatgagaca	cagtttatga	aggcgtttgg	540
gaccggctat	agcatagcat	aacatanctt	acttcgcaag	gcagcatttt	taatagactc	600
gattgaagtc	tangtggtcg	tnttaccoga	tccctttgcc	ttccggtcgg	nactttcctg	660
cggacgtcaa	gcatsnatct	aga				683

<210> 416
 <211> 628
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

ctcgaacaga	tggagaagag	tctctctctg	tctatcgagg	cgtaactgct	gtctctcgatc	60
agcatgaccg	ttgtgaacaa	gtatgttggt	tccggcagtt	tctggaacct	caactttttc	120
tacttgactg	ttcaggctat	tgtttgata	ggcagcatta	ctttgtgcaa	gcagctgggt	180
ctgatcaagg	ttctcgctcc	ttttgatgct	gaccgagcaa	ggaaatgggt	ccccatctct	240
cttctctctg	ncggcatgat	ttataccage	accaagtcgc	tccagttcct	ctcggtagcc	300
gtttatacga	tcttcaagaa	cctgacaatt	atcgtgatcg	catatggaga	ggtgctttgg	360
tttggttgga	gcgttacccc	tctggcccta	ctttcgtttg	gtcttatggc	ctgagctcaa	420
tccgtgcccgc	ttgggctgat	attcaaagng	ccatcaacgg	cgattttggt	actggngact	480
ctgctgcccgc	tgtgtctacg	cttaacgctg	gttaacnctg	gatgggcata	aatgtgttct	540
gcagngccgc	ctacgtgctc	ggatatgcnca	agggtatcaa	aaaaaagaac	tttaaggact	600
gggaacctatg	tntacaacaa	tntnttca				628

<210> 417
 <211> 689
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(689)
 <223> n = A,T,C or G

ccgacgggtac	cgttactgct	cccaacgctg	cccccatcaa	cgatgggtgcc	gccgctgttg	60
tctctgcttct	tgaggccaag	ctcaaggagc	tcaacctcaa	gcccgttgcc	aagattcttg	120
gttggtgggtga	tgctgagcgt	gagcctgagc	gtttcactat	tgctcctgct	ctggccattc	180
tttaaggccat	caagcaagct	ggtttgaccg	ctgagcagat	tgagtactac	gagatcaacg	240
aggectttctc	tgctgttgcc	ctcgccaaca	tgaagatcct	tggtcttaag	cctgagcagg	300
tttaacgtcta	tggtgggtccg	ttgccaatcg	cacctctctg	gctgctctgg	tgctcgtatt	360
gtcaccacccc	ttgcctccgt	gtcacaaggag	aagaaggcca	agaatgggtgc	cgttgggtatt	420
tgcaacgggtg	gcgggtgggct	tnccgttttg	tcattgagaa	cctgcaataa	aaagggcgac	480
ggattgataa	ttgatgattt	tggaacgacat	aaatatgaat	gggcatgcaa	tgcaatgaat	540
tgcaaaaagt	tagatcgact	gccaaatcag	gcgtatatcg	atgcggctta	tgaatttctt	600
gttcbaagaa	ataccacttg	cataaccatt	agagttagata	taantacttt	taatcaagaa	660
caggagatca	gcataatctc	tgtatttga				689

<210> 418
 <211> 604
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(604)

<223> n = A,T,C or G

<400> 418

cttccatccc	acgactctat	acccatcaaa	ctacagtata	cacctagcgt	gtatatctct	60
atccacaact	ttcacacctc	aaaccatcaa	catgactgga	cgcggaagg	gcggaagg	120
tctcggaag	ggcggtgcca	agcgtcacgg	aaagatcttg	cgagacaaca	tccagggtat	180
cacaaagccc	gctatccgac	gtctcgctcg	tcgtgggtgt	gtcaagcgta	tctctgccat	240
gatctatgag	gagaccggtg	gtgtcctgaa	gaccttcctt	gaggggtgtca	tccgtgacgc	300
cgtcacctac	accgagcacg	ccaagcgaaa	gaccgtcaca	tctctcgacg	ttgtctacgc	360
cctgaagcga	cagggacgta	ccctctacgg	tttcggtgggt	taagcgcttt	ttgttttaca	420
tgctgtttac	gaatctttgc	ggtcgactgc	ttgctgcgca	ggaccttgta	gggtgtttca	480
tgatgacata	tgggtccggt	tattgttttt	gggtgttttg	taccataagg	gatttggggg	540
attacattcg	gggataatcg	aaaatgccct	cgaggcgata	ttgatcacia	anaaaaaatt	600
taat						604

<210> 419

<211> 976

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(976)

<223> n = A,T,C or G

<400> 419

gocgagggtc	gogategaca	tttatatgct	ttgttctcgg	tttggcaacg	gagcttagat	60
gaggacctcg	attacagtaa	cggctactcc	agccccggcg	acgaatactc	agaccagagc	120
ggatcaccag	tggggagccc	tgcgcaagat	tcacaccatt	cagttgatgg	tgctgagggtg	180
aggcctacgc	gagatcggtg	ctatagtatc	aactctcgat	ctcgagacca	aacccctctt	240
cccgcctctg	tcgccgatgc	tggatgggat	aaactcaaca	acaccattct	tttcaacttc	300
caactgtggc	aatcctgccc	ttcgccaatt	tcgggtttgg	tcctacttca	aggagatgga	360
ttcgggtatt	gggtncatta	tcaaggatga	anggacttgc	tatctgtgtc	gctngcaagc	420
accgccagac	aaagcgattc	gtcgacactt	tcgagagtta	ccttctagag	atccgtcgta	480
tcctacgcat	cggtaaccgc	aagatgtcta	ctggcaaagc	aagccgtgct	cgtgaggtag	540
aagtagaacg	aaccaaactt	ctcaatcgta	tcaagtctcg	aagacgtccc	attaccgcag	600
ttgaaagctt	gcgctcggcc	acaggtacca	cgtcacccac	aaacgagagc	agcacattta	660
gogaggatga	tgaaatgggt	ggatattggct	ttttcgatgc	tggcatgctt	ttgcaagctc	720
taaaggctcg	cagcgagaat	ttcgaattat	ctgacagtcg	tgtctcggag	agagctgctg	780
ctgcacaggc	ccgccgccgt	gatattggaa	agaaattgan	actgagtgat	tattgagtat	840
catgtcctac	atattgaata	gcatagccgt	ggtcagtggat	ctggcatgga	gttaaagggg	900
ctcatgtatt	atatcaagag	gcggaagcct	tggatatggt	gaatcaacaa	ttctcttcgt	960
gocagaagaa	aaaaaaa					976

<210> 420

<211> 390

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 420

ggtgcctgtg	tggagggtcg	cggttctgtg	cctatcqaac	ttcttgatgt	tgtgggctgt	60
gttctctgggtg	ctcactnagg	tcgtggctta	ggcaacaagt	tccttgacga	cttgcgctcat	120
gcagatgccc	ttatccacgt	tggtgatgtt	tcgggtactg	ttgatgcgga	aggttaaggag	180
acaagaagtt	ntgacccctc	agtggatatt	gcattggctgc	gcagcgagat	tgtagcttgg	240
gttctcgggtg	atcttatgca	gaattgggga	tcctatccgac	gaagacacca	agccatcaaa	300

gcgacagcta cagaaacttt gcagggtcag ttctctgggtt acggatcaac atcgachact 360
gtgaatcgtg ctttggaccg ttgcggtgtc 390

<210> 421
<211> 565
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(565)
<223> n = A,T,C or G

<400> 421
caccgacatga tgaagcacct tatgaactct acctacaaga acggtacccg cgtccctgac 60
cccgagggttg accaratgat gattgetctc cttatggctg gccagcactc ttcttctctt 120
accagctctt ggatcatgat ccgtctcgtc cagtaacctc acatcatgga agagctctac 180
caggagcagg tcaagaacct cgggtctgat ctgcctcccc tgacttacga agacctcgcc 240
aagctgcccc ttaaccaggc tatcgtcaag gagaccttcg tctccacgct cctatccact 300
ccatcatgcg cgcgctcaag tctcccatgc ccgtccctgg caccaagtat gtcattccca 360
cttcgcacac tcttctcgtc gctccggtgt cagcgccacc gattctactt cttcccaacc 420
ctgatnatgg gacctcacga tggaggcgat ctccaacttc cccgaagggt caagatgagg 480
acaaganaag atnatacgtt atggctgtcg caaggctact ctccactgc tttggtgcng 540
tcgcacgata ttggtgacat tgcaa 565

<210> 422
<211> 632
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 422
cgagcgcttg actgagtcga acaccgaact ctataagccc gccttggaag caatgaagac 60
ttcgataaaa acatcgacgt catccatgac agcagttcca aagcccctga aattcttacg 120
accacactac gagactttga cgaagcttta cgaacaatgg cctcagagtg aagacaagac 180
ctcgtctggct gatgtcctct ccgtcatagg catgacgttc tcagacgagg atcgacaaga 240
cacacttcat taccgacttc tcgcccctac atccgacatc agctcatggg gccatgagta 300
taccagacat cttgcccctag agattggaga ggtgtatatc aagcgaatca ataacgagga 360
anagaccaaa gacctgatcg atcttggcgt tgtcttgatc cctcttttcc tcaagagcaa 420
cgcttgaggc cgacgcccgt ggatctcatg agcgagctcg aaattatcga ggagatgccc 480
aaattgtgga cgaaaacaca tacgctcgtg tgtgcttgta catgtccttc atggcaacct 540
ctnaacttacc ccgacaacga gacctttcct aagactgngc acgatatcta catggaatca 600
agccaatttg cgcaggncat tggctcttgca at 632

<210> 423
<211> 606
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(606)
<223> n = A,T,C or G

<400> 423
ntgtcatctc tcgacagcaa ancatgttcc nattntttta acncatccga gagaactggg 60

accgtctcgc	tgacaacatt	actctcgagc	ngggcaagan	ttttgctgat	gccaaagggtg	120
acgtcctccg	aggtcttcag	gnnggacgaa	tctnccgttg	cgcgccctga	gctcctcaag	180
ggcgangntc	tcgaggtcgn	taaggatatg	gacacccaaa	cctaccncga	gcccttgggt	240
gttactgntg	ctatcngccc	atttaacttc	cntgncatga	ttccccctctg	ggcattccca	300
tcgccaccat	cactggtaac	ncgttatcc	tcaagccctc	cgagcgtgat	cctggcgctg	360
ccatgaatat	tgccgagctt	gtcgagaagg	ctggtttccc	tgccgggtgtt	gtcaacatca	420
tccatggtgc	tcaccgcact	gtcgatttca	tccttgatga	gcccgcctatc	aaagccatca	480
gcttcggttg	tggttaacaag	gccggcgagt	catnttcagc	cgnnggatccg	ccaacggcaa	540
gcgtgttnag	gccaaactngg	tgccaanaat	acgctggngt	ttacccgaen	caaaaaaacc	600
agttat						606

<210> 424

<211> 528

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (528)

<223> n = A,T,C or G

<400> 424						60
aagagtcttc	atcctttttt	tcacgntgg	cgcagntatc	tccagtcgtc	tcttttctgt	120
gattcgcttt	gagagcatca	ttcacgaatt	cgacccgtgg	ttcaacttcc	gtgcgaccaa	180
gtacctcgtc	gccaatgggt	tctacaactt	ctgggattgg	tttgatgacc	gaacatggca	240
tctctcttga	cgagtcactg	gaggtacctt	ctaccctggg	ctgalggtga	ccagcggcgt	300
tatctaccac	gctctccgta	ccctcaactg	ccccgtcgat	attcgaaaca	tctgcgttct	360
tctcgcgcgc	gcttttttga	ttgacggcct	atgcgcctta	tcttctcact	aatgagatga	420
ccactacgca	ctcgggtggg	ctccttgctg	cggncctatg	ggaatcgccc	ctggctacat	480
ttacgatccg	cgttggtagt	taccacaacg	aaccatggca	tttctctctg	cttncctnta	528
ctttggggca	agnttttaaa	aangtcgang	gtatnggggt	tctgcctt		

<210> 425

<211> 773

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 425						60
gagatcctcc	agactaactg	ggagtccgct	gtcgacgagc	tcaagaacgt	gagagaaaaac	120
atcgactcaa	agctcttcaa	caacccccgt	gtcagctcgt	accaccgaac	aatgcttctc	180
cactgggtccc	tcttccctct	cttcaactgg	gagggtgccc	gggaacccat	cctggaaatg	240
ttctttctcg	ctccttatat	caacaccatc	cagacctctt	gccccctggat	cctgcgatac	300
ctgatcgtctg	ctgtttatcac	cgggcgtggg	cgcgctcgca	acagctcaat	ccaacaaaag	360
cgatgaaggg	acattattctg	ctangtcngc	caagaacctta	cgagtacacc	gaccccatca	420
cccagttcgt	caacgctctc	tacatcgccc	acgacttoga	ggctgcctgt	gaggtctctt	480
ccatgggcgc	cgaggttttg	cgaagcgact	tcttcttggc	ctcttctgce	gatgcctttg	540
tcgatgcgcg	cgcacacctt	atctgcgaga	gctactgcaa	gatcttcagc	cgaatgaaca	600
ttcgcgacct	cagcgccaaag	ctcggcctga	accccgacga	cggtgagaag	tggattgtta	660
acctgatccg	cgagactoga	ttagatgcca	agatcgatag	ccaggacggc	actgtgatca	720
tgaaccaccc	tcccaadaat	gtctaccagc	aggtcattga	aaaaaacaaag	ggtggctctct	773
tcaggacaca	ggtaactcaac	gctgctggtt	caaagttaaa	aacatgacna	gtt	

<210> 426

<211> 586

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 426

gtgaagcctg	ctgatattgg	tgtcattacc	ccatacgaag	gccagcgaag	ctacattgtg	60
actactatgc	aaaactcggg	aacttataag	aaggagtact	acaaggaggt	cgaggtcgct	120
tcggttgatg	ctttccaggg	ccgtgagaag	gattttattg	tcctctcctg	tgtccgatcc	180
aacgacaacc	aaggcattgg	tttcttgccc	gacccccgcc	gtttgaacgt	ggccttaact	240
cgagccaaat	acggtcttgg	cattcttgcc	aaccccaagg	tcctgtccaa	gcacgagctc	300
tggcacaact	tgttggtcca	tttcaaggat	cgcaagtgtc	tcgtcgaagg	tccttgacc	360
aacctccagg	catgtctgct	ccagttcagt	cgccccaaag	ttagtttccg	acagaagaac	420
gacagccgcg	agttcgggaa	agggagctac	tccacccggg	ggcgtttcaa	ccgccccccc	480
tcagccggga	cctcgattca	agctccacgg	tgtcgtatat	tnccgacgat	gtatcttccg	540
ttcatgggtc	tgcgttttgg	cggcgctttt	tnttaacanc	gccttn		586

<210> 427

<211> 635

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(635)

<223> n = A,T,C or G

<400> 427

ccgtgacttg	atgctacagg	gaattattac	acaatgctgc	tttccacagc	tctctacagt	60
atcacgcgaa	gtccaggagc	agctcaagat	tgatttcctt	gctgcacttn	ctaccgaact	120
ctcctacaag	atcttatcct	acctcgatac	agtctccctc	tgcaaagccg	cccagggtcag	180
ccgtcgatgg	cgaagccttg	ccgacgatga	tgtagtctgg	catcgtatgt	gtgaacaaca	240
tattgaccgc	aaatgcacaa	agtgcggttg	gggtctgccc	ttgctcgaaa	ggaaaaaact	300
tcaggcgtgg	agccgncatc	aacaaaacca	ccgcaaccga	atgccgcgca	cgtggntgag	360
atccgacacc	gaggttgaga	cacaacctag	cgactcacga	aaacgtcagg	ccaccgacga	420
cgaacacgaa	gattgctgac	gatctgttaa	gcgtctctcg	gccaatcctt	ncaaatcgng	480
acaacagctt	gaagcagacg	caagtttcga	ccatggaaaag	atgtataccg	ngacgcttca	540
ngtggggaca	ctggagacag	gccgtgttta	tcaaaccttn	anggtacgaa	atggctgaca	600
tgcttcagtc	gcgntacatc	ttgnaaggt	tctac			635

<210> 428

<211> 589

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 428

cggccctcaa	acgtctagtg	actacgagcg	attactttctg	ggacagcctg	actcatcaga	60
gctgtggatc	gattaccccg	cattccaaat	gcaagtttgt	gagctttcca	agggcacgaga	120
ggttgctgag	cgagccattt	agaccatcaa	catccgtgaa	gagaccgaga	agctcaaagt	180
ctgggtcgcc	tatctcaact	tggagggttg	ctacgggaacc	aagcaaactg	tggaggagggt	240
tttcaagcgg	gotttgccaa	acaacgatca	gcaggagatt	cacgagcgac	tggccagtgt	300
ctacatccag	tccgagaagc	tcaaggatgc	cgaagccttg	tttgagacaa	tggccaagaa	360
gttcggtgcc	aagtctccta	atgtctgqct	gaactacgcc	cacttccctg	acgccactcg	420

aaacaagcct	gacggactcg	tgtctacta	ccgagagcta	cccagcaact	cggcaagact	480
catcacacaa	accttatgac	tcgtctcgct	gctctggagt	tcagatctcc	ccacggcgaa	540
cctgancgtg	gacgaactat	gttcgcgggt	cttctagaag	ctttcccca		589

<210> 429
 <211> 621
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 429						
cttcaacttt	ctatttaate	ccgcaaaaaca	tagcaaaaat	gtccgctcgaa	actgcttacg	60
atcccaagga	catgctgttc	cgcacacctgg	gaacctactgg	tctcaagggt	agtgtcttca	120
gtctgggtgg	ctgggttgaca	tacgggtggaa	cacaaaaaggg	agacattgtc	aagcaaactct	180
tgcaaaaggc	ctgggatac	ggtgtcaaca	cctttgacac	tgccgaggtc	tatgccaacg	240
gtgaatctga	gattgagatg	ggccgagccc	ttaaggagct	caactggcct	cgagacgaat	300
acgtcctcac	gaccaagttt	tcttcggcac	aagtcgcaag	gagcctaaca	cccgcggtct	360
ctcccgcgaag	cacgtcgctg	aggggtctcaa	gaactccctc	aagcgantgg	gacaacctta	420
cgctgatgtt	gtctctgccc	aacgccccgac	tacgtacttc	ctatgaagga	gattgttgan	480
gganttacca	agtcaatcgc	aacctaacct	tgctacact	gggnacccaa	atggacgctg	540
ccaaataccg	aggtacncaa	attgctgaag	ttaaaccctat	gnccgtttca	acaaccataa	600
ancttcacgt	gnggnttcaa	a				621

<210> 430
 <211> 815
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

<400> 430						
taataacata	gctaagtttt	atttttctcag	catggttctc	gttccagccc	tggttggtgt	60
tgtagctcaa	ctgctcttct	gcatgttgcc	ttccatgacg	cttggecttc	tctgcgtcga	120
cgtaatccaa	tcccttcgtc	tcaatctctc	gatcaacaaa	ggcaccaaca	aaacctgcc	180
agatctcctt	tgcttgagcg	tggtatctag	gctctccatt	ccgagcaaca	tggttctcat	240
aggccttgge	agctctgtag	gctgcagctc	cacctatcag	ttcgtgtgac	cactctgctt	300
catgaggacg	ttgcttgaat	taacatcagc	agcaaccgtc	aaaatgggtc	agaagagaaa	360
gaacaacggc	cgaaacaaga	agggccgcgg	ccacgtcaag	cccattccgat	gcagcaactg	420
ctcgcgatgc	accccccaagg	ataaggccat	caagagattc	accatccgca	acatgggtga	480
gtctgctgct	atccgtgaca	tctccgatgc	ctccgtcttc	gcggagtaca	ccgtcccaag	540
atgtacctga	agctgcagta	ctgtgtctct	tgccgccattc	acggcaagat	ggctcgtgtc	600
caatccctat	ccgcccgaag	caaccggccc	ttcttcttgc	gtccgtacaa	caaggacggn	660
agaagatcgc	ttccctctac	cttaagggtt	aaangggctg	atacttggga	tgaggtccgg	720
ttatgaatac	cacatttaaa	aaatgggtgg	gatgaatccc	tttgggatat	gagactaaga	780
anttcacaaa	atcaactgggg	caacgttggg	tgntt			815

<210> 431
 <211> 840
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 431

cgcacctttc	tctttttttc	cgactcaact	cttcacatcc	ttcaaaatgg	gcttcaccga	60
cctcctttcc	gaaactggag	ctcacgtgct	caacagctgg	ttgagcacc	gctcttacat	120
tgctggccaa	tctgcctctc	aggtgatgt	cgctgccttc	aaggctctct	ctggcgctcc	180
cgacggccag	agctaccccc	acgcgcgccg	atgggtacaag	cacatcgcca	gctacgagag	240
ccagttcgct	acctctcccg	gtgatgcttc	tgctccctac	agcacctacg	gtcctggcac	300
cgctgangtg	accatcaacc	ccgtcaggc	ccctgagaaa	gctgaactgc	tgctgctgct	360
gctgaggaag	angacnactc	gacctgttcg	gcagcgacga	agaagaagat	gctgaagccg	420
tccgcgtccg	tgaagaacgc	cttgctgagt	accgccagaa	gaaagaagcc	aagcccaaga	480
catcgccaag	ttcgtcgctc	tcttgacgtc	aagccttggg	atgacgagac	tgacatggct	540
gctcttgagg	ctgcgcgttc	ttctattgag	aaqgacggtc	tgacctgggg	tgcttccaag	600
ctcgtccccg	ttgggtttcg	tgtaagaag	ctccagatta	accttgttgt	cgaggacgan	660
aagatctccg	ctgcgcactc	cgaggaggag	atccaggagt	tcgaggacta	cgctccagtcc	720
actgacgttg	ctgcccattg	naagctgtaa	aaagcctgca	ttagctatgt	caacttatga	780
tgaggcaacy	cggcgaggat	tgatgaccaa	tgggatctta	tgattttcaa	aaattngggg	840

<210> 432

<211> 631

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(631)

<223> n = A,T,C or G

<400> 432

aatcaattat	agcttcaacc	atggcttccg	ctctttcttc	atcaactccc	gcctctcgcg	60
caggccttcc	cgcgcgtctc	actcccctcg	cggccatggc	cagcaccagc	ttcgtccgag	120
gcaaggccac	tcttcccgat	cttccttaac	actacggcgc	tcttgagccc	tacatctctg	180
gccagatcat	ggagctccac	cactccaagc	accaccagac	ctacgttacc	ggcttnaaca	240
acgcagccga	cgccctcgcc	gaggccaacc	acaaggcgga	cgccaaggct	gctgcgcgtc	300
aggcacctnt	tctcaacttc	caagggggtg	gtcacgtcaa	ccactccctg	ttctgggaga	360
accttgctcc	caacggtaag	ggcggtgggt	gtgagcccca	gggcaagctt	ctgacctcca	420
tcaacgagga	ctttgggtct	ttcgaggctt	ttaagaagca	aaccaacgct	acctctcgcc	480
gtatacaagg	gctccggctg	ggcttggctc	gtcaaggaca	aaaacgctgg	tacttntgtc	540
catcgttacc	cgacctaaac	aaggaccccc	tcantggcaa	cctttgancc	cttctttgta	600
tttgaonctg	ggagcaccoc	tattanctcc	t			631

<210> 433

<211> 516

<212> DNA

<213> *Fusarium venenatum*

<400> 433

caatatattc	gcaaacatcc	acgcacaaatc	tacttacagc	ctacagaagt	tcattctaacc	60
atgggttgag	actaataact	gcctataatg	gcctccaaat	caccaatcct	ccccgtggag	120
ggcaagcgca	acatctctcat	cacctctgac	cttccatagc	tcaacaacat	ccacattttg	180
ggtaacatca	tgggcagtggt	tctttctgct	gatggttttt	ctcgctactg	taaagccaga	240
gattacaaca	ccatctacat	ttgtggctct	gacgaatatg	gtaccgctac	cgaaacaaag	300
gctctcgagg	aaggctcttc	gcgcgcgcac	ctttgcgcca	agtaccacgc	ccttcacaag	360
gaagtctacg	actggctccga	atggactttg	acattttccg	cggaaacacc	acccagcnaa	420
aaacacagat	tgtgcagcag	atcttccaag	aactctgqaa	gaatggtaca	ttgaggagcg	480
ggagactaac	cagcccttct	gtcacatgac	aaccac			516

<210> 434

<211> 628

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

```
<400> 434
cttgagggtg gcatggacga ccgcttggcc acccatttcg ctcactctntt tatecngnac      60
cctattgtcg tctttgaaga ggatctccaa gaattagatc tcaacaagac ggaccatttc      120
naaaacatcc agtcaactaa ctggcagcat atgcggttta agccgccacc cgctgacaac      180
agcatcggtt ggcgagtcga gttccgctct atggagatcc aaattacaga ctttgagaat      240
gcgccttttt cgggtgtttat ggtcctagtc acgcgtgcc a ttctgtcatt tgacctgaac      300
ttttacatcc ccatttaagaa gggttgacgag aacatggagc gcgcacacga ggtggatgcc      360
gttttgaagg anaagtttta cttccgacgc aaccccttcc cttagcggcg tntaggggcaa      420
acactacgtt cggcgacgac agccgacccg gatcaagctn attctagccg acctcaaccc      480
ccggtgggtc tgtggagcac gagtttgagg agatgacgcg aacgatatta tcaacggctc      540
aaagtcgggc gagtttctct gctgatccc atcgnngaga gctcctngac agngtgaatg      600
tcgatgttcc aaccaaatgc cncctgct
```

<210> 435
 <211> 1072
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1072)
 <223> n = A,T,C or G

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<400> 435
ctcgaatttc tgogaattat ttccgacctg tgacgctgat ttccgcttt cgcacaaaca      60
gggcagtc aa accctaaggc ctctttccca aaggagtggg gaaagcgagt ttgtgggtccc      120
tcggacctgt tagggcaaga gcttcagaat ttctcaattt cagcccgcca acccacgtcc      180
cgctcgtcgaa accgtcactc accacccaag tcgcccagat ggttcgatac gctgccaccg      240
agatccagcc cgcgaagtcg gcccgcgccc gcggtgccta cctccgagtg tccttcaaga      300
acaccccgca gaccgcccag gccatcaacg gctggaagct tcagcgcgct gttaccttcc      360
tcgagaacgt caaggagcac aaggaggccg tccccatgcy acgatacgcc ggcagcactg      420
gcgcacccgc ccaaggcaag cagttcggtg tctccaaggc tcgatggccc accaagtccg      480
ccgagttctt tctcggtctc ctcaagaacg ctgaggccaa cgctgatgcc aagggtctcg      540
acacccggtg cctcggttgc aagcacatcc aggtcaacca ggcccctaag cagcgacgaa      600
ggacataccg tgcacacgtt cgtatcaacc cttaaatgtc caacccctgc cactatgagc      660
tcactctgac cgaggtctgag gaggttgtcc anaagtccga tgcgtgtgct gagcgtgagc      720
accttactcg cgcagagcgt gtgcccgcct ccgcaaggct atcacctctg cttaagccaa      780
tcaacaacct tcttctcaaa tagacaaaat ttaagcgtg gttgaaaact ggggtttacgt      840
cgggcattct ctgtgttgta gctgtgactc ttgacaagtc tcttgaacaa agagacacaa      900
acaccaagat tacaacacaaa actcgatcaa ttgtttctagg gtttttgcca ggggtggttcg      960
tggttttttc tctctgtgtg tatcccaacc tacggtaagc atggnattaa agggaaacgc      1020
atgcaaaaat tgcgaaggtt tcttgaacaa ataaaattctt tcaagtcctn aa      1072
```

<210> 436
 <211> 763
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

```

<400> 436
tgtcatcgag cttcaaccac atcgnatacc aacatcgaca acattctcaa tacacgaccc 60
catcgcaatc ccttgcctcg tcttcaatcc gcaaactgag caattcctgc aaatctttcg 120
acctttacct tccgaaccac atttagcagc tcgtttccct gacgtcaagg gagctacncc 180
aagatggcgc tcgacgagta ctaccacaac aagatcgagg cgatgaagct cgagatcctc 240
angggccaag ccgcgcttcg tcgtcttgaa gccagagaa acgactacaa ctcccagta 300
cgattgttga gagaagagct gggctctgtg caacagcctg gatcctatgt tggtagagtc 360
gtcaagggtca tgagcaccan agaagattct tgtcaaggtc acccagaagg caaatatggt 420
gtcgatgtgt cggatagcgt cgatgtcgcc aaactcacc ccggaaaagc gagttactct 480
actgctgata gctcaaactc gaaaagatgc taccttcgtc cgcgatcccc tcgtctntct 540
catgatgggtg gagaagggtc cgacagcaca tacgacatga ttggtgggtc agaccagcag 600
atcaaggaaa tcaaggaagt tntcgaactg ggtnttaagc acctgagctt tttgagctctn 660
ttggatatcca caccnaagg gggtttgnta taaggctentt ccgggtcaagg aaananactt 720
acttgnaaag actgggtgccc ccacactcct qqaaattcat cca 763

```

```

<210> 437
<211> 571
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(571)
<223> n = A,T,C or G

```

```

<400> 437
cttgaggtctg gacatcgctc cccctctgat ccacctcctg cagaacgggtg acctcaagac 60
tcgcaaggaa gccctgttgg ccattagcaa tggcacttcc ggtgggtctgc agaagcctga 120
gcaantccgt taacttgggtg cccaaggctg catcaagccc ctttgcgacc taactcggttg 180
ccccgataat aagatcctcc aggttgccct ggatggcctt gagaacatcc tcaagattgg 240
tgaccttgac aagcaggctg ctggcgagtc tggcgactct atcaaccgat aggtctctct 300
cattgaggag tgtgggtggca tggagaagat ccacgactgc cagaacaacg ccaacgagga 360
gatctacatg aaggcttaca acatcattga gaagtaactc tccgatgatg aggagaatgc 420
cgatgatgggt atggctcagc aacccgcggg cccaacgggt ncattcggct ttggcaccaa 480
cgggtgctgct ccttcaggaa gattcgactt tgccaagggt aacgacccat ggacatgtta 540
agagcttctt gatogaagat cggaatatcg g 571

```

```

<210> 438
<211> 726
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

```

```

<400> 438
ctcaattcac taatttcgtc ttcccattac ttttatagti tttatagcat accgaacgtt 60
tagaacgttc ggaaaaggcg ctctcttccct tttttttata ctttctttcc ccaagcgaag 120
attccttttaa actaggctct ttctcaacgt cttgcgactc acgagacccg caatctgtcc 180
cattcaatttt ggtattttcc aacactttct cgttcgtcagc atggctagta aagccgcacc 240
caacgcctttg aaagcgaat acaaaaaccat ctctgagaac cccctcctct atatcgttgc 300
ctctctctcc gaatcaaaac tcttgaaatg gcactatatt atcaacgggt ctgaggaaac 360
acgttatcat ggcggccagt actgggggtac tctcatgttc ccccggaact atccatttgc 420
ccctcccgcg attcgcctgc acacaccctc cggccgattc caatctcaca cgcgactatg 480
ctctctcgatt tccgatttcc acccaaaagtc tttcaaccgc gcattgggaag ctgcaccatt 540
ctgattggac tactgcattc atgacaagggt gaagaaatga cgaactgggtc cgtttttgca 600
caagccgcgc agcgaaaact actttgntgg taaacgcgtg gtaggaactcg atggcggggg 660

```


tttaatcnaa	nagcacccac	gacaaaggna	tgnaagggtgt	gatgcggcgc	ncgantcggc	720
aaaagg						726

<210> 439
 <211> 1184
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1184)
 <223> n = A,T,C or G

<400> 439						
cgcccagcgt	ccccaggaa	aaggetatac	aacagacaaq	tttggacttt	gatccacgtc	60
cgccctttact	cgatctatct	ttcgcgcttg	gaataacttc	cgacaacgat	ctatcgctcg	120
ctttaataatc	ttcaacttca	ctcaatttct	ctctaatacga	acaagatggc	tccttttcaat	180
ctctcgaggtg	gtgcccgttg	aggtcgtggc	ggcgctcgtg	gaggcggccg	tggtgggtttc	240
gggtggtgac	gcggcggtt	cggcgggtgg	cgtggtggtg	cgcgcggtgg	acaaagtggg	300
ggtcgtggcg	gtttcggtga	tcgaagcggt	cgtggcggac	ncggtggacn	aagtgggtgct	360
cgcggcgggtc	gcggtgggtg	tgctggcgca	aaaggcggtg	ccaaggtcat	tgtcgaacct	420
cacgcgcacc	ccggtgtctt	cgttgtccgt	ggtggtaaaq	aaaatgggtc	tgctacccgc	480
aacacaaccc	ccggggagtc	tgtctacgga	naaaaaaaga	tcagcgtcaa	tgaatcggtc	540
accaatgaaa	nacggtacta	ccccnctacc	aaggtcgagt	accgcctgtg	gaaccttttc	600
ctnaaacaanc	ttntgtgctg	ccgttgnccg	gtggtgctga	tgagatctac	atcaagcctg	660
gctctcgtgt	ctctaccttc	ggtgggtgct	ctggtacttc	cgtctctcac	gtcgccgaca	720
ttgtcngacc	tacgggttac	agtctaccgc	cgtcgaagtt	ctctttccga	tcgggtcngt	780
gacctcatca	ccatgggctt	ccaaagcgac	ccaacgttgt	ccncattgtt	gaggatgccc	840
gtcagcctgc	tcgttacccg	atgaatcgtn	cccatggctc	gacgtcatct	ttgccgatgt	900
tgncacagccc	gatcaggccc	gtatcgctcn	catgaacnnc	caactgggtt	ctcaagggcg	960
gaggtgggtg	ctttatcttc	atcaaaagcca	actgtattga	nagtnccggt	tcnngntgcc	1020
gangttttcn	ctgcgagggg	ccagaagatg	cgagcttgag	tcantcagcc	caagntccag	1080
cttaaccttg	aaccttttcg	aggcgtgacc	atttgtntgg	ttggccggcg	aatactttgc	1140
ncctacaagn	aataaatggc	ttaaaggang	catacttact	tggg		1184

<210> 440
 <211> 596
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(596)
 <223> n = A,T,C or G

<400> 440						
tgatatttta	ccgcacaaaa	gaagctttct	gtcttgacca	gagaaccatt	acctgtttct	60
acgtctctac	aagatggcat	ctctgcggtc	gttgactgcc	ccccctcgct	gggcagcccc	120
cgcgaggggg	gtcgaggggt	tgcgatatag	ctcttctctg	acctctgcca	ttgcctacaa	180
ggccttctgt	gtggtgtggg	ctctctcttc	cgtgagcgac	aaactctctg	cttggtctgc	240
ccagtcgggt	gtctcgaaca	tcctctacga	gaccccggtt	ccatctacgg	ttctctccaa	300
gogacacata	cttaactgtc	ttgttcagaa	cgagccgggt	gtctctgtct	gggtctctgg	360
tattctgggt	gtcggcggtt	tcaacattga	ctctcttgct	gtgtgttaaa	ccgaggttga	420
ngatctgtct	cgcctgacca	ttgtttctac	aggccaagac	ggcggttgta	agcaggtctg	480
cgagaggttc	gaadatcttc	ctctctctct	gcccctctct	gantacacca	acgtctctct	540
cgctcagcgc	gaactctctc	tcgcgaagat	caacattctt	ggaaactgant	actttg	596

<210> 441
 <211> 628
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 441

ctcaaacc	aa caccatanat	atattacaac	cacacactcg	aaacaatcgc	aatcatgtct	60
ttcggtcg	ca ctgtcaccct	caacttcngg	atggaagatt	ccccagatcg	gttacggcac	120
atggcaag	ct gncacctggtg	aggctcggcaa	cgggtgtctac	gaggccctca	aggctggcta	180
ccgccacctc	gatcttgcca	agatctacca	gaaccagcgt	gaggttggtg	agggcatcaa	240
gaaggccctc	agcgaggctc	ctggcctcaa	gcgtgaggac	atcttcatca	ccggaagct	300
ttggaacaac	aaacaccgcc	tgaggagggt	gctgggtgcc	tcgatgacac	ccttgaggag	360
ctcgcccttg	agtaacattga	cctctgggtg	atccactggc	ccgttgcttt	caagaacngg	420
aacgagctat	tccctttgaa	gganggtgat	gatgggaaga	ctgcttttga	ccaggangtr	480
aacctcttnc	agacatggga	ggccgtcaac	aaactggcca	aagagaaagt	accgctccgt	540
tggtgtctcc	aacttcaacc	aggagatgct	tgagcaaatc	atcaaggaca	ctggcgtgan	600
ccccgccatg	aacaaaattg	agcgtaact				628

<210> 442

<211> 606

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(606)

<223> n = A,T,C or G

<400> 442

tgaacttttt	tccgcacgcg	cgtgcggct	ctccgagctc	gcccgtgcgc	cgcccgagtt	60
ccccccagc	gaanaacctc	cgccgaggcc	gtccccgaca	agatcaagct	gagccttgcc	120
ctccctcacc	agtctgtcta	caagtcccac	gatgtcgtcc	aggtcaacat	ccccgccgag	180
tctggagaga	tgggtgttct	cgccaaccac	gttccttcca	ttgagcagct	gaagcctggt	240
ctgggttgagg	ttgtcgagga	gtccgctggc	tccaagcagt	tcttctcttc	tggtggattc	300
gctaccgttc	agcccaactc	cgtcttttagc	atcaacgccg	tcgagggtta	cccccttgag	360
gacttcagcg	ctgaggccat	ccgagctcan	atcgccgagg	cccanaaggt	cgccaacggc	420
agcggaagcg	agcangatat	tgctgangcc	aanatcgagt	tggaggttct	cgagtccttg	480
tctgctcatg	tgaataaagc	gtgcanttag	tttgtggtga	cggaggccct	tgnacatcaa	540
aatattctac	ccatattanc	acaaaagctg	ngacaattga	taccaagctc	tggttgngct	600
acctct						616

<210> 443

<211> 639

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(639)

<223> n = A,T,C or G

<400> 443

ctccactgggt	ctcggagaat	gtccangcng	atgcttccgt	tqaaqttqat	attqgggtgg	60
tagatgcgtg	tgggtgaagt	gacettggga	ggctcgaagg	ggtagtcggg	aggggaagtga	120
atcggaagga	agaagacacc	gccggagtaa	ggggagtcag	aaggacccat	aatcgtagct	180
tggcagtgaa	acagatcttc	gccaacaggg	ccagcggagc	aggaagaggg	aggatctcgg	240
ccgggatcag	aacaaagaca	tggattttact	tcttgtacac	aacaaaattt	tcgtcttttc	300
tctatcacaga	ttggtctctc	cggcatttga	ccccccccc	cgcgggattg	gccagagttg	360

agcgaaat	ttt	cggtcact	tt	tcggtgat	ct	ggagttgg	tg	agacgaag	tt	cgganaac	ac	420	
tcccggtg	ga	ggagtcatt	g	tatttggt	ga	caggagtt	tg	gctggcact	c	angaccgg	ca	480	
ngaacaga	ac	attgaggt	c	gcgaat	ttt	g	gaaggatt	ttt	ttattttt	ta	ttgagcag	ga	540
ctggtaat	ttt	tactggta	ca	tatacac	ana	tttacaacc	g	cccttttg	aa	atggcgag	ac	600	
naatgggccc		caacaacac	c	ggaaggc	att	g	gagcggtnt					639	

<210> 444
 <211> 797
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

tctgncccc	g	ncgcact	ttt	atatact	tct	tctttctct	c	tctctctct	ttt	cgcgact	ctc	60
gatatatccc		cggaaaact	tc	aaatttct	tc	aataccgt	ca	aaatgggt	cga	gaagctct	ac	120
gtcacctaca		acgatgtg	ca	caagatgt	gc	caaaaagt	cag	ctgagaag	ct	tctcctcg	ac	180
ttccagcccc		cgctcttg	at	cgccatcg	gt	gggtgggt	ggtt	acgtccct	gc	tcgaatcct	c	240
cgatctttcc		tcaagaagg	g	cggcgctccc		aacatcccc	a	ttcaggct	at	cggcctct	cc	300
ctctacgagt		ctctcgcaa		cgatgagg	tc	gaggcccc	g	gtaccaag	gt	cacccga	a	360
cagtggctcg		acatgagcg	c	tctggcgag		atgcaga	a	acc		ttgtcgg	a	420
atcgctgacg		aggttgac	ga	caaccga	a	actctcg	agt	cgccgtca	ag	gacttgag	aa	480
ggaatgttgag		attgcccgc		agaagat	ggg	tggtact	gct	ccaagact	ga	gttcagc	atn	540
tttgtcttca		caacaagg	ac	aagccca	a	angggaaa	ant	tcccgcg	atg	gatgctcg	ccc	600
acccgttact		acgtgtct	ga	gaaccgt	cgg	tgatgpc	tgg	atcaact	acc	cctgggag	g	660
cctcgattat		cgactag	ca	gacaggaa	c	ctagcctg	ca	gactaag	agc	aactaaat	gt	720
gttatgagaa		tttggagt	tg	ggaaaat	ggc	gcacagatt	t	aatgcgag	at	atcatata	aaa	780
catacatcac		gaatgag										797

<210> 445
 <211> 647
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

acgattttt	c	ctgagta	c	acctcga	atg	gctctctt	cc	gagatgg	acg	tttccctt	cc	60
taaggagtt	g	gacttcca	ag	aagaggc	t	caatgc	ccgt	cgtatga	aagg	agcacttt	gc	120
gaagattcca		cagttgcc	gc	tgattatt	cc	cgaggtc	atc	tgggcca	agc	aaaggatt	at	180
cgttatggct		tgtgaag	ctg	gaagtcc	gct	tgacgat	ctt	gagtacct	gg	acaaaa	acgg	240
aattgatcgc		gacgaag	tct	cggccac	ctt	gtccgc	gatt	ttcaacg	aaa	tgattttt	gg	300
cgatggcgca		ccattaca	act	gogatcc	tca	tggtgg	caac	atcgcgat	cc	gcaaga	acac	360
cgatggcgca		ggtttgg	gc	gtgggc	aaaa	ctctgat	g	ataggtg	ga	caatgg	aactg	420
tatcgogata		ttgaact	ttc	atggga	agat	cgtacg	cccc	gatgtgg	ctc	gcggtt	atcg	480
atggtgatat		ggacng	tatt	aaagaa	atat	gctcac	g	g	g	g	g	540
aaaggacttt		tctctttt	c	gcctcg	caa	ttactg	gtc	ggactac	agt	atcgga	aagc	600
aaggtcttgg		aactatt	ntt	ganaaa	atga	acagncc	g	agc	ccag			647

<210> 446
 <211> 641
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(641)
 <223> n = A,T,C or G

<400> 446
 cgaggcccca ccgagaagtt cttccaggag aacaactact ttggcctgag cgaggagaac 60
 gtcaagatct tcgagcaggg tgtttctgct tgcattctca acgatggcaa gattctctctc 120
 gagaccaagg gcaaggttgc tgttctctct gatggaaacg gtggtctcta caatgctctt 180
 gttctttctg gtgttctga cgatatgcga aagcgtggca tccagcacat ccacgcctac 240
 tgcgttgaca actgccttgt caaggttgcg gaccccgctt tcattggctt ctctgccgct 300
 ctgatgtcg acattgctac caaggtcgtg cgtaagcgca acgctccgag tccgtcggtc 360
 tgattctntc aanaacggca agcccgatgt cgttgagtac tccgagatca accagtcac 420
 tgccgaggag acccgacccc aaagcagcct gatctctctc gggtccgngc tgcaacatng 480
 tcaaccacta ctacttnttt ccgntttctt cgactntntt ccccaggggg tcacaagctt 540
 tttccacaca ttgcgcgcga agaaaanccc ctnttgccga tcttgnanag cggggganac 600
 aatcaancc t gaaaagccca acgggtntta agctctacn n 641

<210> 447
 <211> 575
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

<400> 447
 agagtctgct gagacaaacc agactgccgg gtcccataat gaggacgtgg tcgctgaaaa 60
 gcagcccgct cctgttgatc ccaaccgggt cagtttcttt tcttcggcat gggaatcaac 120
 catccacgct gcggtttctg gcgatcttgt gcttccgggc gaanatatcc gtgggctttt 180
 cgagctaccc gatgaaaaaa aaaatgggtg ttggtggctg aacgttaacg cggccactaa 240
 ggaagaagtg cagagcattt gcaagtcttt cggatattcat cctctcacia ttgaggatat 300
 tattactcag gaagctcgcg agaagattga gctcttcccg tcatactacc ttgcctgttt 360
 ccgatccttc tctgttgctg aagaagatga cggcatcgag tacgaaccct tcaacacata 420
 tgcattgta ttcagggagg gtactctcag cttcagtttt gagcccaact ctacgcagc 480
 tcaagtcgcg aagcgaatca ctgctttgaa agattacgct tctcttagca ntgactggat 540
 ctgctatgct ttaattgacn atattgtcga tctct

<210> 448
 <211> 707
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 448
 ttggccagcg gtgacaggtg gtatcagaag agatatgato ttggttggac gaatcgangg 60
 ataaattatg ctcatggtea gctctcactg cctctcttgc ctccaatgac aacagtgaac 120
 accgtgtcat taagcttgtt gctctctttg atgatgaaga gattggctct ctctctcgtc 180
 agggggcgcg tggtaacttt ctccctcttg tctatcgagc cactgtttgaa gctctcaacc 240
 ccaacaaatt tggaccagaa ctgttaggaa gaaactatct ctctctatto ttctgtctct 300
 cagacgtaac tcattctgga aaccctaact tctctgagaa atatctcgga gagcatgttc 360
 ccgagctaaa tgttggtgtg gtcactgcca accactcgaa tggccatatt accacagaca 420
 gcattctcag tgcaatcatg cagcgtgcaa ggggaactag gggctgccc aactcagacc 480
 ttccagattc gaaaacgacag tcgcagtggt ggtactattg ggcctgccc gtcaaatatg 540

attgggtgtc	cgagccgcgc	acgttggact	tccccagctc	agcatgcact	ctatccgcgc	600
gactactggc	tcactagacc	tggtctgggc	gtcaagttct	tcaagagctt	ncttgacaac	660
tgggagaaga	ttgatgcnga	ntggcactag	agacagnagt	agagaag		707

<210> 449
 <211> 802
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

<400> 449						
ctgacccgta	atgagggcgt	tctcaagcac	cttactttgac	atccccgcacg	gagtagccttg	60
anaagccggg	tttcggcctc	atctttcgagt	tgcgtcccaa	cgacttcttc	agcaaacacca	120
ccgtcaccaa	gacatactac	taccagaacg	agagcggcta	cgngngtgac	ttnatctacg	180
accacgccga	gggtgacaag	attgattggt	cacctggcaa	ggacttgact	gtccgtgtcg	240
agagcaagaa	gcagcgcaac	aagaacacca	agcaaaactcg	aattgtcaag	aagaccgttc	300
ctactgagtc	ttttctcaac	ttctttctcac	cacccaaggc	tcccaccgat	gacgatgacg	360
aggatgccga	gtccgacatc	gaggagcgtc	ttgagcttga	ctaccagctc	ggtgaggaca	420
tcaaggagaa	gtcattccc	cgtgccatcg	actggttcac	cggtgaggct	ctcgttttcg	480
aggagctctc	tgacgatgac	ctcgacgggtg	ccgacttcga	cgatgacgat	gatgaggacg	540
aggatgactt	gagcgaggag	aacgacgacg	aggaggagtc	cgacgacgat	gacgaatccg	600
gcaagcctaa	gcaggaagct	gccgagtgcg	aacagagctg	agcgaagcga	tagagcgcgga	660
cgcaacgcac	atttacacta	tcatgacatg	attggctttt	atcgggtttg	aagattttat	720
ctgagccacc	aaccttctc	cgaaaaaagg	agaggcgggtg	aacgacggga	agaaaaagggc	780
tacaaaaacg	ggaagcggtc	ga				802

<210> 450
 <211> 578
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 450						
aaagacaccc	gggtcgctct	aagcttcaat	ggaagcttgg	tcagttgggc	gcacacaacc	60
gtggcgtaaa	ctgccttctt	cagcgcattg	gttatccgcc	tctgccttca	ctatcacaag	120
atcgctccaga	acgagttcta	cgtttatccg	caagaatggt	ttccctnngt	gtccgcaaca	180
atcgggcgatc	gatacccgaga	gcgatccttc	ttcatgatct	ttatcgccat	cacatccggt	240
ctcgatctcg	ctcttggtcg	cctatgggat	cttctcacgc	gcaagcccgg	ccagaagcta	300
cccacgttgc	tcgtgttat	gggacttgtg	cgaacactaa	cctgcggngg	atggacgtac	360
attacctcta	cagatgacca	tgactggcac	gatatactga	tgatttctta	cattgntgcg	420
acgtttccgn	ggacgactgg	ntgnatcgca	ctcagccccg	caatccccag	gccattaaat	480
atcgaaagta	cctgggcttg	ggtttcttgg	gacaaatggg	ccattgatct	acttttttat	540
tcaacacaag	gttcactcgg	gttgntggga	gcttacac			578

<210> 451
 <211> 715
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(715)

<223> n = A,T,C or G

<400> 451

cgcaaactca	accagtcgct	taacgttgaa	caaanaaatc	ccgccgaaaa	tgccctgttg	60
aaccgtttct	gttaccggng	gtaccggcta	cacgggtctc	ttcacctcgc	tcactctcct	120
tgagcacggt	tacgatgtcg	ttattgtcga	ttccctctac	aactcctnag	aggtcgccct	180
cgaccgcatt	gagctgattt	gcgggtcgccg	tcccgccttt	tacaaaactcg	atatcacaga	240
tgagaaggct	atcgatgagg	tctttgccaa	gcaccctgcc	attgatagcg	tcattcactt	300
tgctgcgctc	aaggccgctc	gcgaagtctg	gcgttatccc	tctcgagtac	taccgtgtca	360
atgtcgggtg	tagcatctct	ctcctccgct	ccatggagcg	caacaacgtc	aacaatattg	420
ttttctcctc	ctccgctacc	gtttacggcg	atgctacccg	attccccaac	atgattccca	480
tccccgagca	ctgccctatc	ggacctacca	acacctacgg	tcgcaccaag	tccatgatcg	540
aggacgttat	caccgacttt	gtcaatgtct	agcgcaccaa	cttggaaaaa	gagggcaagg	600
agttcaaac	agtgggggaa	ggtgctcttc	tgcgaaactt	taaccctttg	cggtgctacc	660
ccactgggat	catgggtgag	gacctcaggg	tattcctttc	aaccttctgc	cctct	715

<210> 452

<211> 506

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(506)

<223> n = A,T,C or G

<400> 452

aaaagangag	aaaaaagttg	ctgttacttt	aagacttaca	acagaagaaa	atgagatatt	60
aaatagaatc	aaagaaaaat	ataatattag	caaatacagat	gcaaccggta	ttctaataaaa	120
aaaatatgca	aaggaggaat	ccggtgcatt	ttaaacaaaa	aaagatagac	agcactggca	180
tgctgcctat	ctatgaactaa	atcttgttaa	gtgtattagc	acccgttatt	atatcatgag	240
cgaaaaatgta	ataaaaagaaa	ctgaaaaaaa	gaaaaattca	agaggacgta	attggacatt	300
tgttttatat	ccagaatcag	caaaaagccc	agtgggttaga	gtatttaaaa	gagttacaca	360
ttcaattttg	agtgtctcca	ttacatgata	gggatactga	tcccgaaggt	aggatgaaaa	420
aagagcatta	tcataattcta	gtgatgtatg	anggtaataa	atcttatgaa	cngattaaaa	480
ttattcccca	agaattggat	gcgact				506

<210> 453

<211> 655

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 453

cccaacccca	caaccccaaga	tccttcacga	tgccgacccct	cccgacccgct	tctcgccctct	60
gggtgggggg	gggtggttaag	cccgctggctc	cccgccgtccg	cccgccctcagc	atccacgcgg	120
ttcggtacga	cagcgccgtcc	gctctctggat	actccagccc	ctccaaagttc	caaggagagt	180
ccaaagggctc	ccagatccct	gacttcgggaa	agtaagctctc	tacccggcagc	gaggggcaana	240
acaaggtctta	ctcgtaacttc	atgggtgggg	ctctgggtgg	cgtaagtgct	gctgggtgcca	300
agagccacagt	tcaggagttc	ctgggtcaaca	tgctctgcttc	tgccgacgtc	ctggccatgg	360
ccaaaggttga	gggtgacccct	gctctctatcc	ctgaggggaaa	gancgttctc	attaagtggc	420
gaaggaagcc	cgctttnatc	cggcacccgaa	ccaggaacga	gatcgacccg	gcacacaaag	480
tcaacatntt	ttttnttcga	natcccggaag	angatagccc	ccgtgccaaa	naacccaaag	540
tggtttgtca	tggtgggtgt	ctnccccact	tggtttgggc	ccatttgng	angggcggtga	600
ctaccggggg	tggttttttc	cttgcncngt	tttaataaca	aatntttggg	ccaaa	655

<210> 454
 <211> 649
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

```
<400> 454
gagctcaaga ccaaggttga atctcttggc gcgagcctca agttccccct gcacgagctc      60
tacgtcatcg atggaagcaa gcgaagcgcc cactcaaacg cctatttctt tggctctccc      120
tggaagaagc acattgtgat ctacgatact ctgattgana agagcgagcc cgatgaggtc      180
gtcqccttcc ttgcgcacga qttgggtcac tggaagcttg gccatactac cagtctcttc      240
gggtatcttc aggtcacttc tttctacata tttctctctt tctctgtctt catcaacaa      300
cattctctgt actcatcttt cggtttcttc aaagagcctc ccattattat cggattcctc      360
ctcttctccg atgctcttgc ccccatggat ctctgcatca atctgcttat gcacattgtc      420
agtcgcaagt tgcagttcca ggcgatgct tttgccaaag ggcttgggta ccccgangca      480
gcttgccgcg tccctcctca agctccagat ccagaacctt ancactatgg atgccgactg      540
gatgtatgcc aactaccact tttttttaac cttacttggg ctgaagcgac tcaacgcctt      600
ttgggctgga angggtccga nggtgtacct ganggcttac ttgacaaaag      649
```

<210> 455
 <211> 631
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

```
<400> 455
gaggggttgc gatgtcccca ttccatccat ccaaggacgc cctccaggga acattttaca      60
gcccactctc agcaacaaac cgcactccat atcaggctcg cgctgaactc tttcccatcc      120
attcctccgt cattgaagat gccaaaggta aagctaagca gctgagcgtc gaagcaacag      180
ccgantttga aaaggcgagc gcaaaagctc aagccaagac tgggaagatc gaattatact      240
ctggcagata ctatgctgac tgtacctttg gcggtttgat ggctgtgga ctcactcacg      300
ctgctgtaac tctctagat cttgtaaaga ctctctgcca agttgattcc aagctctaca      360
caagcaactt ccaggcctgg ggtaagatct atcgcggcga ggggatccgn ggtatcttta      420
ctgggtggag tcttaagctt tttggttatt ctgctcaggg tgccttcaag tatgggtggg      480
atgagtactt caaaaagacc tactcggata tggctggccc agaggcgccc aaccaagtaca      540
aaactgggtc gtatcttggc gccttntgcc tnaaccgagt ttcttgccga ccttggtttt      600
gnoctttgaa gctgcaaggt cgatgcaggg t                                631
```

<210> 456
 <211> 701
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

```
<400> 456
nttttataaa gcgctcaaaa nacatgancc tactcagttg acaccatggg tcatgtactg      60
gggtgnocctc agctgttgcg cctcggttgg tcttgggtct gggtttattat ttcattggatc      120
cccttctatg gatattttcg tttgcttttc ctctntacc tcactctccc ccaaacgcaa      180
```

ggcgcccgac	tcntgtatga	ggaatacgtc	cacccgtacc	ttgaaaagaa	cgagacgcag	240
attgacgact	tcatcgcgag	cgcacatgag	cgtttgactg	ctgccggaat	atcatacctc	300
aagctcgcca	tcgagcagtt	caaaatcaag	gtcctcggtc	tgccaccctc	cgaacccgag	360
tcgcctcctc	ccgagacaaa	ccaggggttac	acgcagtcgc	ttctctcgcg	cttcaacggt	420
ccatccgcgc	gatgggcccgc	caacaacagc	ggcagtacag	gtaccgactt	ttacagtctg	480
ctttccagcg	ctgtagcagc	tgctaccaac	gcgggtgctc	agtcagctgg	tacaggacag	540
tgggtgggaa	aaacctacca	acccccangc	gttgattccc	ccgcactctgc	gcgagtctgg	600
accaagatgg	actttatttc	cactcagcgc	gaccgtctaa	acgtttctct	ctcngcactc	660
gatcgcgaaa	cacagatntt	cgtcccgacc	ccaacgcgct	c		701

<210> 457

<211> 559

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(559)

<223> n = A,T,C or G

<400> 457

caacccagcg	gaggatgtct	ccgactgtct	tactaaaagg	tataccgttg	aggacaccat	60
gcccgcgaga	aatgaagact	gcgatgtaag	gtgtatctta	agtaaaccgg	tctccccaca	120
catcggaag	attaagcgga	ctgcgaagct	tttgcttata	cttggttgta	attgacttga	180
cagcctcgtc	ctctttgggg	aaagcccaca	tctcgaactt	gacgggatct	cccagagagt	240
tggtacatc	aatgtcaaaa	cctgcagcgt	cgaggtggta	cattggtaga	aacatctcaa	300
ctgggtgggt	gccagtggaa	aanaactttc	cgtctgccat	cttngagata	acgctcttgg	360
gtgcgcgaca	tgaagatctt	ccatttgccg	ccggtgtact	tgtttgata	gtcggcgccg	420
tcaagtcgg	tctttgaggt	gacctactgc	gtgagggaaa	atggtgaagg	gaagtatgcg	480
tgtcttcgg	ccatgtcgcg	gacgggtgac	ttgtcgtttt	ggtctgacat	tatgtggatt	540
tgtatggagt	aagttggtt					559

<210> 458

<211> 620

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 458

tcactcctggc	ccatgtcgtc	ctttcggtgt	tcactcctaac	ggtttctctc	ttgctcgccg	60
tatcgtaact	cacgctggtc	tgagctacac	tgacgcgcgt	ccttgggata	aatccaccac	120
agttggcgag	tctctcctca	cccctactcg	aatctacgtc	aaggctctcc	tcccctcct	180
ttctgagatc	aagggctctt	ctcacatcac	tggtggcggt	ctcgtcgaga	acgtaccccg	240
catgatcccc	gaatctcttg	ccgccgagat	cgagtttggc	tcatgggaga	tccccctgt	300
cttcaagtg	ctccgtgagg	ctggcaacgt	cgagcctatc	gagatgtgtc	gcaccttcaa	360
cttgggtg	ggatgggtta	tggcgttga	tgtcaaaag	gtcgatgcgg	tgttcagac	420
cttactgat	ggcgggcgaga	aggtgtacgg	catcggcgct	cacccgacgt	gacccaaagcg	480
angtttggct	catcacaac	gtngactcgt	ggaanggctg	aagaccacgg	tgcctagcga	540
gcgaaaagaa	tattggaaag	tgattgggat	aagaaaaata	tgogaattat	gggagtcocaa	600
tttgggttta	tgaatgggaa					620

<210> 459

<211> 624

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(624)

<223> n = A,T,C or G

<400> 459

aaacgctacg	gcactaccaa	caagcttgcg	ccttcgcaat	ccctaccaa	gtccactggc	60
gcttggaact	aaagatctcc	tgcgacggct	acggtgacct	ggaactatct	tacgcattca	120
aaatggcggt	ttccggttct	gtggacagtc	ccgtcaagca	gcagcttggt	gacaagctgc	180
cgaagcgatt	caagggcatt	aaattttggt	tccaatctaa	ccaagacatt	gccaaaccaag	240
ctgtttctga	ggtttccgat	cgctatttgt	atgacatcga	gaacaatcgc	gtcccatatc	300
gccacggccc	tctagactct	cgattgggta	cctccagtaa	gcaaggaaga	tggtcgacct	360
gccaaagatc	tctcaaagac	tgcaatggcc	attttggtcc	tggtcgacct	cgctgngctg	420
cggtccatgt	tggaatatnt	cgnttcatca	tgtcgattct	gcaagaaata	tgcaaggact	480
gtgggtcgat	tttgcttgan	gagcccgaa	gacaacagtt	notgaaggag	ctangacgac	540
catctctaga	caattttacga	cggacccaaa	tatgcaagag	gatcaacgaa	caatgcccga	600
aagtaanaac	ttgtctttat	tgng				624

<210> 460

<211> 641

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(641)

<223> n = A,T,C or G

<400> 460

ctcaacacca	acatcgacga	ggttcagtag	gatggtgaca	aggctgttgg	catcaaggcc	60
actatgactg	gcgtcgaaga	gatgaagttt	gagactaagg	ccaagatgat	cctcggtgac	120
cctcctact	tccccaacaa	ggccaagggt	attggccacg	ttctccgagc	tatctgcac	180
ctgaagcacc	ctottgctgg	cacgaatgat	gccgactccg	cccagcttat	cattccccaa	240
tctcaagttg	gcccgaagaa	cgacatctac	atcgcttgcg	tttcttccgc	tcataacgtc	300
tgcccccaagg	gctactggat	cgctatcgtc	tcaaccattg	cggaagaaca	cagccaacca	360
ccacgtcgag	ctccaggctg	gtctagaccg	catcggcaag	attgaggagc	agttcatggg	420
cctcctatc	cccatctacg	agcctcttga	ngatggttcc	aaggacaaca	tcttcatctc	480
caagagctac	gatgctacta	gccacttcga	agacaaccac	agacgacgtc	aaggatatct	540
accgccgcgc	cactggcgaa	gagcntaagg	tananggttt	gagggaaagg	tatccaaggt	600
tgctgaagga	gcaattaaaa	gtctcacgan	cagtaaacag	g		641

<210> 461

<211> 572

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 461

cgcttctgct	ttgtctcgtc	tcttttttcca	tctcatctct	ttctctctct	ctataccttg	60
acaagtccga	tggtctttcg	ctccgccata	aacagtcctt	cgttcttctc	gtcacgacct	120
gggagcattg	taataaacta	acgttcgacg	cttttagccca	gaccatctct	tgccgacatg	180
agacacacag	aaatactgtg	tcgttcacot	cattttaatca	atttcagtaa	ttcttttttg	240
ccgttccgaa	gaaaaaacaa	acttccgtca	caatgggttg	cggaatgagc	acagangaga	300
aaganggcaa	ggcccgtnac	gaggagatcg	agaaccagct	caagcgcgac	aagatgatgc	360
agcgaaaacga	gatcaanatg	ctgctgctcg	gtgccgggtga	atccggaaaag	tctactatcc	420
tgaagcagat	gaagctcact	cacgaagggt	gctactcncg	cgatgagcga	naatcctten	480

agggaaatca tcttcagcaa caccgttcaa tcaatgcgcg ttatcctcna ngctatggan 540
tctctcgaac ttcctcttga agaccagcgc at 572

<210> 462
<211> 647
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(647)
<223> n = A,T,C or G

<400> 462
cattcaatca accccagacc tagagtttat ctactccgac ttctcctat ctaactcttt 60
cattcttact ttggccatatt gggtccttca acccaattac aatcccatcc tccctacaaa 120
ctcggccaag caatcatgaa gctgcattac atcgggtgtc tccgcaacga gagccagccg 180
gctcatgaga ttgtcgttga aaaggagctc agcagctact cgcgatttac ccgcaataac 240
tatggcgaat tcatgacact attcgcaaag actgtcgcgc agcgcacccg tccctggacag 300
cgacaggatg tcgaggagca agactacact ttccacgcct acggccgtac agaggggtgtc 360
tgccgcatca tcatctccga tcaccagtac cctgcccttg tggctcacca acttctcagc 420
aaggggtgtc acgagtttct ctccaagaac ccccgctcca gctgggcaac cggaacaccc 480
actctcgcca tgccctgagct gaaggagtac ctacccaagt accaaggatn cccagcaggc 540
tgacagcacc ctcaagattc aagaaggagc tggacgagaa ccaagattgt tctccataag 600
aacattgaga ggggtgtaca gcgtgggaga gaaaaatcga cgatttta 647

<210> 463
<211> 541
<212> DNA
<213> Fusarium venenatum

<400> 463
ctcacaccta cttgaaataa gctatatctc ccgaacattt ttatcagcca ataattcaag 60
aacatccata tcaaataact tagaacattg ggcttggttt tcaacaaagc caacatgctt 120
gggcccctct cgttctttac ttttaatggg cttaccaagc tccggccatt ggctgcccc 180
gggatgaacg cgggggtttg gtcgccagca ccagcaattg gcaaattcct cagtatccgg 240
gctcttcagg gactctccaa gcggcgggta tgcgccaaaa gtggttgact gtccctcgac 300
ggcccccga aatccgacttg ccgatggact ttcagaccag gaagaacctg ggctcgtcgc 360
cgaagaatac acacaataga tccaatgaaa gacttggttt cccgagtcaa catctcgggt 420
ttcgacgcgc aaaagtggat tgagaaaaaac aaaaacaatg cgactgcgct acctaacatc 480
gcatcgcag cttctgggtg tggataccga gccctcatga acggaacagg cttcatctct 540
E 541

<210> 464
<211> 847
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(847)
<223> n = A,T,C or G

<400> 464
gggggtgtgt caccactgtg gttgacatgc ctctcaatgc catccctcct accactaccc 60
ttcatggctt cgaaggagaag ctctcagcaa ggcagggtca gtgctgggtt gatgttggtt 120
tctaagggtg tgctatccct ggaaatgcca atgagcttct tccctcctc gaggtcgggt 180
ttcagaggatt caagggattc ttgactcagat ctgggtgttga tgagtccccc gccgtctctt 240
ctcaggatat cgccttggtc atggaaaacc tcaaggatag caagacactc tcatgttcca 300
cgtcagagatg atccctccca tcaccgaatc cgtcgggcga acagtccaga cctcagaagg 360

aaccctcgct	cccgccggtc	aactcgatgc	ctacaagaca	ttcctcgaat	ctcgacctcc	420
tgctttcgaa	acatacgccg	tcgaggagat	tctcagccag	gcacacattg	ctcctcaagc	480
tccaccttca	tatcgctccat	ctctccgcta	cccagtgcat	tctctctctc	aaggncgctc	540
gccaatccgg	aatcaacatc	actgccgaga	actgcttcca	ctacctcggg	ttgaccgccg	600
aggagaatga	gaagggcgac	actcgacaca	agtgtctgcc	acctattcga	gagggcaaga	660
accgcgatgg	ctttgggaag	agctcgctgc	tgangattca	tgcatcagaa	ctgttggtgc	720
ggatnactca	acttgccacac	ccaactgaag	ctccttcttc	aagaactcga	gacacgcgan	780
ccgacttgca	cataacgact	caggatcggt	attcctgtcc	cgagatnaga	acctgtcncc	840
gaaggaa						847

<210> 465
 <211> 934
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(934)
 <223> n = A,T,C or G

<400> 465						
aatcaccaga	ccttgaccgc	aaccacttc	caccatctac	catcatcaca	taaattccca	60
accaccctt	gctttctcga	agcatattca	taaccacatt	tcgcttatct	tgtagactca	120
aaccatattc	acaaccgatc	atatcaaccg	ccaaaatgtc	tgcttccgag	cccaccgagc	180
caaaggtcga	ggagaccaag	cctgaggaga	ccaagcctgt	cgaggctgag	gttgctgctg	240
agaagcctgt	tacatctctc	tccgtcttct	ccatgttcgg	cggcgggtgc	aagaaggaga	300
agaagggaaga	cgaggagcgc	ggcgataact	ctggcagcgc	taaggctcag	cgagaggctg	360
ctgaggccgc	caagggcgat	gaggaggatg	ctcccagctc	cgaggacgtt	cacttcgagc	420
ccgtcatcaa	gotgaccgag	aaggntgaca	ccaagaccaa	cgaggaggct	gaggagcaga	480
ctttcaagat	gcgcgccaaag	cttttcaagt	tctcaagga	gagcagcgag	tggaaggagc	540
gtggtattgg	tgaogttcgc	ctgctcaagc	acaaggagaa	cggcaagacc	cgactggtga	600
tgcgacgcga	caagaccctc	aaggctctgg	ccaaccacta	catcgtcccc	gagatgaagc	660
tttcccccaa	cgttggtctc	gaccgcagct	gggtctggaa	cgcccgcttg	ccgatgtcag	720
cgagggtgag	cccgaagctt	gttaccctgg	ccattcgatt	cgccaacgct	gagaacgcca	780
acaacttcaa	ggattctttc	atgaaggctc	agaaggagaa	cgaagagatc	ttccacaagg	840
nttcaggacg	cggaggttct	tcttctctaa	acagcttgca	cttagaance	ttcnaatcc	900
cctgcctttt	cgggaattcat	ctcaatatatt	ccac			934

<210> 466
 <211> 270
 <212> DNA
 <213> *Fusarium venenatum*

<400> 466						
aagcgcttct	tctgtcgtca	cccagagtgt	tctcaatcaa	ctcaagacct	acaggaagtg	60
ggcaccaaaag	gcttcgcgac	tcggaaggac	cgtgctcgcc	atgagtccaa	acacaaacca	120
acagtgcggt	gccccttgga	cgaccaggaa	ggacaacaat	gtctaagggt	cttcagccgt	180
gtggataaca	tgccgggacca	ctacaggcgg	atacacaagt	gttgacgagg	gatcgatgta	240
ataatattct	aataaaaaggc	aactttttqcg				270

<210> 467
 <211> 495
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

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<400> 467
gtcntcaaaa tgggtcaacat tcccaagacc cgtaacacct actgcaaggg caaggagtgc      60
cgnaagcaca cccagnacaa gggtcaccag tacaaggctg gaaaggcctc cctgttcgcc      120
cagggaaagc gtcnatatga ccgcaancag tccggttatg gtggtcagac caancccgtc      180
ttccacaana aggccaagac caccaagaag gttgtccttc gattggagtg tgtcaagtgc      240
aagaccaagc tccagttggc gctgaacgat ncaagcactt cnagcttggg ggtgacaaga      300
aacaaagggg gctgtctcgt tttctaagtg ctttgtgttt ggggtctcag ggtcaccatt      360
tctatgctta cctcncngc atttgggcac catggatgga cacaggcgaa angaggtaca      420
cgccntcggt ttgangcatg tttcatangg aatgaatgaa aanaaaaaat ntctgtgttg      480
caccaacaca cttttt                                     495

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<210> 468
<211> 626
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

```

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<400> 468
ccgagatctc ttctaccgac ctgagagaat ggctcgtggca tatgctgggtg ttgagcacag      60
cgaggctgtc agactaacag agaagttctt tggcgatatg caaaagggca cacagcagac      120
cacagagaca actggttccg agaccagcga aagcgaacta tcagatagcg aagctagcgc      180
atcctcagtc tcttcatcac cacagtcac ctcggggtt ctttcacggg tctttaagaa      240
cacaccttcc gctccccaga atctcaacat tctccctct caagccgata ttgcacgccc      300
ctccaaatat acggggcggtt tctcctgggt ccccgctcaa ccacctaac tgagcgggtct      360
ccttactttc acacatatcc acctcgctct cgaaggcctc cctgtctctt cggacgatat      420
ctacgccttc gccacactcc aaactctctt tgggtggtggg tggttccttc tctgctgggtg      480
gacctggtaa aggcattgtac tctcgcttat acaccaatgt cctgaaccag cacggttggg      540
tcgagtcatg catggccttc aaccaatctt acaatngact ccggttcttt tcggcatctc      600
aacaagctgc cttgccccgg acgaaa                                     626

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<210> 469
<211> 655
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G

```

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<400> 469
ggagaacaga aatctccagt agaacaaaag ggtaaaaagtc cccttgattt tgattttcag      60
tgtgaatata aacctgaaa gtgtggccta tggatccttt agtccctcga catttgaggg      120
tagaggtgcc agaaaagtta ccacagggat aactggcttg tggcggccaa gctgtcatag      180
cgagctgggt ttttgatcct tcgatgtcgg ctcttctctat cctaccgaag cagaattcgg      240
taagcgttgg atgtgttccc cactaatagg gaacgtgagc ctgggtttaga cgttcgtgag      300
acaggttagt tttaccttac tgatgacctc accgcaatgg caattgagct tagtacgaga      360
ggaaacgctc attcagataa ttgggttttt cggctgtccg accgggcagt gcgcggaagc      420
taacctctgc tggataatgg ctgaacgctt ctaagtccga atccatgcc aaaaacgggt      480
gataccaccc gcacgatatg atggacanga ataggcctcg gnttagcgtc tttagcggcg      540
attctctcag aggcgctcna agcgcgtcgt ggnatttctt gtattgtaat tttaacacn      600
agcngggggt aaattctttt gcagacgact tagctgtcgc aadcnsgnct ggtaa          655

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<210> 470
<211> 606
<212> DNA

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<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(506)

<223> n = A,T,C or G

<400> 470

cggctccggt	gtcatggggt	caaccctcaa	gctcggccat	gacgccaaga	ctcaccagga	60
ggtcaacatc	cccttccaca	acatncttcc	catgggtccac	cccaatgact	tggtcatcgg	120
cggnggggac	atcagcaaga	tgaacctggc	acaggccatg	gaccgcgctc	aggttcttga	180
gccactctt	aaggcccagg	tcaagaagga	gatggcggaa	atggttcccc	tcccttccat	240
ctactacct	gacttnattg	ctgccaacca	ggaggatcgt	gccgacaacg	tncttgaggg	300
aaccaangcc	cgtggggagc	atgttganaa	natccgtcag	gatattcgtg	acttcaaagc	360
caanaatagt	cttgacaagg	tcatnatnat	gtggactgcc	aacactgagc	gatacgcgga	420
cttgatcaag	gggtgtcaag	atctgcgcgc	aaccttntna	agggcattga	gcagggacat	480
gangagggtt	cccttctctc	tgtnlllgcc	ggcgnnttga	ttcttgaaca	agcccccttn	540
attaatggnt	cttcccaaaa	naccttcgcc	ctgggcccatt	gactttgntg	anaaacacaa	600
cncttt						606

<210> 471

<211> 666

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 471

catgtcgtcc	caagcggcca	aagccgccag	caacgtggtc	agcatcgcca	agaancaaac	60
cctccagtcg	actggtatct	gggaggcctt	ccgtcgtttc	ctggccatcg	acctgagcgc	120
ctccaacggt	gtccctctga	acctcactt	ccgtaacctt	ccccccggcg	ccaacgaccc	180
tctccagtac	gacgaccccg	ttacgctgcc	agctggcgac	atcgccgaca	atncttactg	240
gaagcgcgac	aaccgcgcng	gctaccccca	gctcagcgtc	gtcgaccagt	cccagttcgc	300
ccagctcctt	accgttggtg	gcgctgaagc	tcccaaggtc	gatcttatcg	gcgaggctgg	360
cganaagcag	ctcgttgctg	tgaagcagga	gtccgagact	ggcctggcaa	aggctcttga	420
taaggcgggc	aacgcgacta	aggatgtttt	tgtcaacggc	atgccttctc	tgcccagcgg	480
ccagactctg	aacactggaa	agngggatgt	gcacaagtac	gagcttgagg	agtcattctta	540
tggtgaagga	tacccttgcg	ggtcattcaa	ataaattaga	agcgaactga	agatgtgttg	600
ataccacatt	atgaggtatt	gagggtatat	aatttccatt	gacagcagat	gactttnttt	660
ttttcc						666

<210> 472

<211> 615

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(615)

<223> n = A,T,C or G

<400> 472

gtcttgacaa	ctctctgcaa	cttcaactaac	cagcagabaa	caacacggcg	gacaagatga	60
agttctctca	ggtagggcca	gtcgccatca	tcacccggcg	cagatacgcc	ggaaagaagg	120
ttgtcatcat	ccagcccggt	gacaacggca	acaagcctca	ccctttcggt	cacgcctcgg	180
ttgccggcat	tgagcgatac	ccctccaaga	tcacccggcg	tatgtccaag	acccgccagg	240
agaagcgaaa	caagatcaag	cccttcatca	aggtcaccaa	ctacaaccac	ttgatgcccc	300

ctcgctacac	tctcgagctc	gaggggtctca	aggggtgccgt	ctccaacgac	accttcaagg	360
aggtttctca	gcgcgaggac	gccaagaaga	ctgtcaagaa	ggtgctcgag	gagcgataca	420
ccagcggcaa	gaaccgatgg	ttcttcaccc	ctctcaagtt	ttaaaaaagg	aatcgtttct	480
ccatcacggt	tagggagttg	gcgggatgta	aagagcatcg	atggcattaa	ggaaccccg	540
nttttatggg	ctcaatacga	agtttcttaa	aacaaaaatc	aattttantt	tgcccngat	600
ggacgncaat	tccac					615

<210> 473
 <211> 453
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(453)
 <223> n = A,T,C or G

<400> 473						
agagcagaaa	ccaggtatta	ttgtcggcgc	tggcttggtc	ggccttgctg	cagcctttga	60
attgtcagaa	aaaaacatcc	cagtccttct	cctggatcaa	gaaaatgagc	aaaacctagg	120
tggtcaggcc	ttttggtcac	ttgggggcgt	ttttatggtc	gactcgtctt	accaacgcag	180
aatgggaatc	aaagactctc	gagagctggc	catgagagac	tggttcgggt	cggcgagggt	240
tgatcgcgaa	gaagaagatt	actggccaag	gaagtgggcc	aaggcttttg	tcgactttgc	300
aacagacgag	atggaagatt	atgtcaaagc	tcgaggactg	gctttctgta	taacgttgct	360
ggcccanaag	ggagacggtc	tgtncgcggc	cccggaaaatc	tgtgcctagg	ttccacgtca	420
gttgggtaca	ggaccagagg	ttgcanggtt	ttc			453

<210> 474
 <211> 591
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 474						
tcttattggg	gttggtaccc	gtatcgaccc	tacgctttgc	cgagccgata	gtctcgtcgg	60
tttcgtgctg	ggtctcaagg	gccgcctgcc	cgagatttac	agcgagattg	aggttaactt	120
ctacctcttc	cgtcgcttcc	tcgggtgtcag	aaactgccgac	ggcaagcagg	ccaaggttgc	180
taagctgggc	aagaacgagg	ttatcatggt	caacatcggt	tccacctcta	ctgggtgccaa	240
ggttgccgct	atcaagaacg	atgctgccaa	gcttgtcttg	accagccccc	cctgtaccaa	300
cattgggtgag	aagttgctct	cagccgacgt	atcgagaaca	ttggcgtctt	attgggttggg	360
ctaccattgc	tgtctggtgtg	acactcgacc	tagcactgct	taaaagatca	tgtagacaac	420
gaaagattaa	acaaaattcc	gcacnatttc	gctactgata	tacgaatcna	gacccagttc	480
canacaaaac	tcgaagcttg	ataanggtgc	ctgacaagca	tgtttaaattg	tctttcggac	540
tgggggcaga	aagggttaan	atctgtcaac	gctgacctgt	acnacganaa	t	591

<210> 475
 <211> 617
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 475

gcaaggctgg	gctaaatggt	agctctctct	caacttcac	atcaccatca	accccccgac	60
gacgacggat	ttttaactcc	atcgccagcg	atacttttca	ccactacaga	agtcattgat	120
ctcatccatt	acactccacc	ccccctacac	aaacccatgga	tcaccgtcca	caagcttggg	180
gccgtccag	agacgatgtt	tacggcgcc	atgatgcctc	attcatgaac	gataatggcc	240
ccaagcaaaa	cacccagcag	cccatcgta	ctggtacctc	cgatcatgcc	gtcaagttca	300
aggatgggtg	tgtcattgct	gtgataaacc	tggcttcata	tggctctctc	gctcgtttta	360
cagatgtcaa	gcgactccgt	cccttcgcca	actcatcggt	tgtaggcttc	agcggcgaca	420
tctccgacat	gcagtatctc	gaccgccacc	tcattgagct	ttctctcgac	gaggcttaca	480
cctnccccga	tgcccccggt	ctcaacgcgc	caaaccctnca	tcgctatctc	gccaaagcttc	540
tctaccggcg	ncgttccaaa	ttcgacccct	tgnngaacca	tcttcttggg	gctgggtctcg	600
acgatgacga	caagcccttn	ctcgtcgncc	ncgacccctc	cggcagcacc	tacagtgcgc	660
ccagtctggc	cacnnggttt	tgggtccatg	ctggcccaan	ctatnatgcg	tcgccatngt	720
cctcgatgaa	ggaggccctcc	caaaaccttg	acaaaggagg	gctgctatna	acattatnaa	780
ggagtgtatg	aangntctat	acttaccgtg	acgctcg			817

<210> 176

<211> 649

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(649)

<223> n = A,T,C or G

<400> 476

caactaacta	ccttgacaac	tctccacaaa	cacctnttct	acttccggca	ggctgaacac	60
actacactac	cctgcaaaac	tgtccagct	atatcacatc	tactgtccgc	tactacttac	120
agggtactga	ctattctccg	acatggagaa	tactcatcgg	aattactggg	aaaaggactt	180
cactatcact	gcaggatcca	aggtcgcgat	gcgaggtgcc	actatcctca	agacatctga	240
tgataagact	cgagctctta	acaaacacac	cctcttggca	ttctctggag	aagccggtga	300
cacagtgcac	ttcgccgaat	acatccaaacg	aaatgcccg	ctctactcga	tgcgaaacga	360
gtccgacttg	tcacctctcg	ctcttgccca	cttcgtccgc	ggagagctcg	ctaccagctt	420
gcgatctcga	aagccctaca	atgttaacct	ccttatgggt	ggtgttgacc	ccattactgg	480
caagccagcc	ctctactggc	tgcactacct	aggtcgcgtg	gccgaagttc	cttatgctgc	540
acatggctac	cccagtacta	ctgcctctcc	atcctcgaca	agcatcacca	cccgatatcc	600
tctccaccag	ggtccaagat	ctgacatttt	tnogacaaat	aaacgggct		649

<210> 477

<211> 1115

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1115)

<223> n = A,T,C or G

<400> 477

ggcaagagca	gcataaagga	ctctggtttt	tttattttagg	ttgagttctc	caaggactac	60
tctgtccccg	ttttctctgc	tgagtacggg	tgcaacgagc	ccgatgggtg	tgccaaacgt	120
atcttttgac	aqaccaactgc	tctctaacgag	gagaaggaga	tgactgatgt	cttcagcggt	180
ggatctgtct	acatgtacca	ccaggagggc	aacgactacg	gtcttgtcaa	gatacaggaag	240
aaagggtgac	ctgtcaagca	gaaggatttc	gtcagctcca	agaagaagga	tacgcgtgct	300
ttgtctctgg	gtgttgagga	ggacgactac	aaagccactg	gaaagactcc	caactgcccc	360
acccagtcca	agacctggag	ggtttaaggg	cttctccccc	ctacccccga	caagtccttc	420
tgtgactgca	tggtcaagag	togaanctgt	gttcccgccg	acgaactcaa	ggctaaggac	480
tttaaacgaga	tttttggtta	catctggggc	gagaacaaga	agatctgcac	tgcacatcaac	540
ggcaaacgta	ccgcgggtat	ctacgggtgc	tacagcatgt	gtgacaaaga	ggccaagctc	600
gattacattc	togatgccta	ctacaaagag	caaaacagaa	acgcaaacgc	ctgtgacttt	660

aangggcaag	gccaccaccc	agaaggctca	agaaccagga	cttttgcaag	gctaagctcg	720
agtctggttg	caaagaatca	aacgaagggg	aggggttggt	actgctactt	gctgntgggt	780
ggcccccttt	ccaccggcga	agtttaagaa	ccgaggacga	cgatgagtc	ttcgggtctca	840
agcccgcctac	atcgcccgcg	tcttctctct	cggcgactac	ctgtcggcgc	ctacatggct	900
tgtcgccgggt	gttgtcngtg	cccggtatgg	tccttctgta	aagtgatttt	tggatggatc	960
atgggatgac	tcgtatcttc	ttagcggngg	cctttttgga	atgtgcgtta	ttcccacatt	1020
gtgtcctttt	ttcttggtga	tctagcatcg	ctttcatggc	ttgtaattaa	gaacgattat	1080
agatgtctaa	taccatcttg	cgcgaaatgat	atgcc			1115

<210> 478

<211> 631

<212> DNA

<213> Fusarium venenatum

<210>

<221> misc_feature

<222> (1)...(631)

<223> n = A,T,C or G

<400> 478

aaaagatgac	attcttgctg	ccaacgcaaa	ggatcttgag	cttgcaaaaa	aagctgctgc	50
cgaggggtggt	cttagccaag	ctcttgatc	acgattggat	ttggygaaga	agggaaaatg	120
ggaggatatg	ctcaagggaa	tcttggtatg	cagggatcta	gatgaccctg	ttggtcaaat	180
tcagatgagg	acaaagcttg	atgatgatct	catgatggag	cgtgtctcat	gccccatcgg	240
tgttcttctc	atcatctttg	aggctcgctc	cgaggtcatc	gccaacattg	cttctcttgc	300
tatcaagtct	ggcaacgctg	ccattctcaa	gggtggaaag	gaatccacag	aatcctttgt	360
cgccatctca	aaggtcatct	catcagctct	tgagaccaca	aaggtcccca	actcagctat	420
ccagcttggt	acaacccggg	atgccatcgc	cgacttntcc	ccaggaccgn	tatattgacc	480
tcgtcattcc	tcngngctaa	acgagctggt	ccgttcatta	aaactcacca	anattcctgt	540
tctcggnccc	ctgatggctc	tgcccattta	cctgatgttt	ngncgaaagg	acaaggnntt	600
actgcacgtg	gctccaaant	antacccccc	n			631

<210> 479

<211> 558

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(558)

<223> n = A,T,C or G

<400> 479

aacgaataca	agtcgcttgc	atcacctagt	ccacccccgg	cttcactctg	acctattgtc	50
ggcacatgog	aggtgctgga	gaagaagtac	cttcgcctta	cggccccctc	agttccatcc	120
aaagtcgggc	ctgaacgtat	tttgcgctcag	acactagatc	ttctgaaaaa	gaagtgggaag	180
cgggagagca	actactcgta	catttggtgac	cagttcaagt	ccatgagaca	agatttgact	240
gtgcaacata	tcaagaacga	ctttaccggt	tctgtttatg	aaatccatgc	gcgcattgoc	300
ttaaaaaang	gggatattgg	tgagtataat	cagtgcacga	ccagctacga	tcgtttatacg	360
ggtatgggoc	gaaggggcaac	ccatttgaatc	aagggnatct	gcattctata	ttttatccaa	420
acggccnaac	gaactggcct	gaacaaactt	tgycagattt	acttcngccg	aaaaggagaa	480
aaggnataaa	cctgcctctg	atntcgatca	ctttggcgcn	ggaaacatct	aggtctccac	540
tctcttggat	acccaaca					558

<210> 480

<211> 632

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 480
 ttgaatcgcg tccctcaatt tgtacgtcga ttgctataaa cacggcctat gccctcaatt 60
 ggctctacaa cgaagtaaca aacgcaacga tcgtaacgag cgccgagaac aaatactcca 120
 acatgtctga aaagaaggcg gacgcacca caacccaaaat gctctggggg ggcagggttaa 180
 aagggtgggaa tggatccgct tatgcacaag tacaatgcct ctatcggata caacaaggct 240
 ctctataaag aggatattct tggatcgatt gctttcgcca ganccaactc aaaggtcggc 300
 attattaccg aagatgaatt caagacaatc gagcaggggc tgcttaaagt aatggaagaa 360
 tggaagcagg gaacctttgc tattatgcgc aatgacgaag acattcatac tgcaaacgan 420
 cgtcgattag gagagggtcat cggaaaggac accgctggca agctgcacac aggtcgcanc 480
 cgcaacgagc aagtcgtctg tgatatgcac atgtggctac gtgaccgcat ccgtgaaatc 540
 gacagccaac ttgtttactt tccctcaagt cctcaccaaa cgcgccgang atgaaatcga 600
 ctacctcatg cccgggttaac ctacactaca ac 632

<210> 481
 <211> 564
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(564)
 <223> n = A,T,C or G

<400> 481
 gttaatgctg tccctgtcgg tgaagccatc atgaaggcgc ccgacgccag tgttttcate 60
 agtcagctgt gctctggaac tgagcccga gccaaagacag atgccgtatc gtctctatac 120
 gtcaagatct gtggcactcg aagtgtgaa gctgcacgca gggccgccga ntcagganac 180
 gaatttgggg gcactgtctt tgttcccaat gccaaagcgg gcactctctc caagactgcc 240
 ctggccattt cagaagctgt gcacacttac cccagcactc aaaagtacga gacacagggtg 300
 gcagcagtag acaacaaaaac caaggacttt ttcgaggctg caactcagaa actccgctgc 360
 cccgaactca gcttgtcggc atcttccana accagccctt gaacgaggtt ctganaaaac 420
 aaaacaatac aaccttgacc tcttacaact acatggtgat aacctattga gtgggccaac 480
 ctcatctctg tccagttgtt cgatcttcaa nccaagtcag gttggcattg gtcgtcnccg 540
 atacacacag tctctctctc aatc 564

<210> 482
 <211> 432
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(432)
 <223> n = A,T,C or G

<400> 432
 atpacanccg ctgaaataat cgggtgtcaag ttgaagggtc agttgagcgg ttgggctant 60
 cccaaagatg tcatraacgc agttgcaggg atccttggag ttaagggtgg cactggcaaa 120
 atcatogaat accttggccc tgggtgcagag acaatatcag ccacagggat gtntttctatt 180
 atcaacatgg ggggtgagac aggagcaacc acatcaatct tcccatactc tgaggctatg 240
 ttgacctact tgcgcgcqac taqccqacct qaqltaqcqc aaqctctqqa aqtqcccaaa 300
 tatgagctgc aagagagaag ggggtgtcaaa gtatgatcat gttatcgaaa tggacctatc 360
 taactagag ccaagcatna acggnccggt cactcccga ttatcgacc ccgatctttta 420
 agettgaaga gg 432

<210> 483

<211> 406
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 483
 nacaacgccn acttccgaca gaaggaggtn tttgagtggc gcgacaccac ccaggaggac 60
 cccgatgagg tccgcgcgcg cgagtccaac ctcaacttca tcaagcttga cggatgatatc 120
 ggctgcctcg tcaatgggtg cggctcttgc atggccacca tggacatcat caagctgaac 180
 ggtggtcagc ccgcacaact cctcgacgtt ggtgggtggc ccaccctgc tgcctcaag 240
 gaggntttcg agctcatcac cagcgacgac aagggtcact ccatctttgn caacatcttt 300
 ggtggatcg tccgatgtga cgcctcccca ctgggtctat cagacacggc aagcttttga 360
 accttaagat ccccatnatt gcccgctctt aggggtaccaa cgttga 406

<210> 484
 <211> 590
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 484
 atcgccaaaa tggatgcac cgtctttccc atcagtcact ttcccaaacc attacactct 60
 ggcgacccgc ctgtatcctg agagccatgg tatcattagc aatacattct gggatccga 120
 acttcaatca caattctatt acacccatcc ggatcagagt ctggacccaa aatgggtggg 180
 aggagagcct ttctgggtga cagcagagag acaaggaatc cgaagtgcc ttcacatgtg 240
 gccggggagt gaagcgcacg ttcttcatac cgagccaagt ttgatggata aattcaatgg 300
 caaggagacg ctgcacaaca aggtctcaag gattatggaa tttctggatc tgccctgggt 360
 tgaagacaag actctggatg cgagcgatgt gcgacctcaa ctgattgcc gcctacgtac 420
 ctcatgttga ccgtgatggc cataagtttg ggcccaatac cacccgagat tcgcaaaaca 480
 attcaaagat gtcgacggta ttgataggga aagaattttc acnggctttg aagaacgcca 540
 cttggcaaat attggnaatg taatccgttg ttccaaaatc acggnatggg 590

<210> 485
 <211> 545
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(545)
 <223> n = A,T,C or G

<400> 485
 tgaatctaaa ttttcaagtc tctcatctct tttagcatag tagctcccaa catttggttc 60
 aatacagctt atctgtcccg ccatcatata ctatctatct gattgtactt tcattcatca 120
 acttcagagc aaaacagaa aaatcaaaagc catcacgatg ccttacytat ctgctgctcg 180
 ctacggaaag gacaaatggt ggtcttgaaa agtcgatcgc gatgcttcta cgggtgttca 240
 gacgttcaca gagatgacgg tttgtgtgtt cctcgagggc gagatttaya cctcatacac 300
 ccaggccgat aacaagtgtc gtcgttgccc ccagactcta tcaagaacac catctacatc 360
 atcgccaagc agaatcctgt taacccccct gagttgnaag cctcaatcct cggcagccac 420
 tttattgaaa agtacaagca catccacgtt gccaacgtca gcgtcaanac tgttcgctgg 480
 gcgcgtcttt gatgttgatg gcaaacctna tctccacagn ttttttaang gtggnganga 540

gaccc

545

<210> 486
<211> 631
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 486
cgccaactac acctaaccctt acaccatgtc cggccctttc tctagccctt tnggggagaa 60
taqcaacccc tttqaaacag acagggggcaa gaggaacgaac aatgccatcc atcgtgttgt 120
cggggauagag gatgaaanag acaccatcac atcgccatag aacgctcgct tgggagcctc 180
accaaactct gccctctatgt tctcgggccc ctttggcggg ggggttggtg gcgactcttc 240
tgctgaagca ccttctgctg cngaaacgt cccaaaccct gatagctacc cggcccagta 300
taacttcggt cgcggaactt cagtatctgc cgaatctctg aaaccacagt ccgattccta 360
cgataattgg tcaccccttt tccatganaa gaccccggtt cagatcgagc gtctcaagca 420
cgccatcgaa ggcaatttcc ttttcagtca tctggaggat gaacagagcg ctcanatttt 480
gggtgcactt gtcnaaaagc cgataccagc aaggggcctc aaggtaatca agtcaggag 540
atgctggcga ctacttntac gtagtcgaag aagggatctt ttgacgtnta tgtcaaccct 600
tagcgggtng ntacaaccgc gtcccgatgg n 631

<210> 487
<211> 890
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(890)
<223> n = A,T,C or G

<400> 487
ctaaccgttt gcttccaaac ttcccattct accatcacaa acctcacgat gtcgtcgtcg 60
tttactcggg tegtgcgtcc tgcgctcaga ggtggacgag ttctcacaca gcgcacgcgc 120
ccgctagcca ctgctctcca ttocatgacg agaacaagcc ttaacactgc tegtccctc 180
tctacaacat catcccgccg cagcgagcat gtcgatatct ccgagatccc tctacacct 240
attacccacc tctctgagct cgagaccgcc atggttgaca ccgtctccaa atttgccaca 300
gatgtqatto ttctctgcgc gcgtgacatg gacgaggcag aggaaatgga cccagctggt 360
gtcgagcagc tgttcgagca ggggtctaatg ggtattgaya tccccgaaga gtatgggggc 420
gctgggatga acttcaactgc cgcctattatt ggcattgagg agcttgccgc cgcnaaccct 480
tcogtctcag tgttggtaga tgtgcacaat acctctgtta acacagctat catcaagcac 540
ggttccactg ctatcaanaa aaagtggctt ncaogtctgg cgacaaacac tgnccncttn 600
ttctgtctc tcogagcccg tctntggttc cgatgccttt gccatggcta caagggccac 660
cggaaacccg cgacgggtta aagatctctg gcagcaaaaa gtggatcaca aactccaagg 720
aggctgatct ctttattgnc tttgtctacn taacccccacn aggggttaca gggatatctt 780
gcttttcttg teganaaagg caccgaangr tttttctatc ccccaaaaga aaaaaaactg 840
ggtatctcgn gccctnaaca natgcgttat caacttttga caatgtcgaa 890

<210> 488
<211> 691
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(691)

<223> n = A,T,C or G

<400> 488

actaacccca	accctcccgc	gaccgggaga	tcacacgatt	cgagatgggt	cactcatacg	60
gaaagagagc	gggcacccgn	tatgccttca	gccgggactt	ccgccagang	ggtatgattg	120
ccctgaacac	ctacctccga	caataccgng	tnggagatat	cgtcgacatt	aaggcgaacg	180
gtgccgtcca	naagggtatg	cccttcaagg	tctaccacgg	aaagactggt	gtnatctaca	240
acgtcaccaa	gtccgntgtg	ggtgtcatna	tctacaagca	ggtcaagcac	cgatacatcg	300
agaagcgaat	caacgtccga	atcgagcaca	tctcgagtc	ccgatctngn	gaggacttct	360
naagcgtgtc	aaggctaacg	ctgaggccaa	gcgtgaggcc	aaggccaacg	gcaccgtcgt	420
ccaagtcaaa	gcgtcagccc	ctgggacccc	ggggcgccca	cacactgtcg	ctctccgaga	480
acccccccat	gaccgttacc	cctcttgctt	acgagaccac	gatctaaaag	aaaagatatt	540
gcggggggtg	gtggtgcttg	cttctattta	tttgggggat	tgcgtccgga	tgggaaagaa	600
ttctgcattg	caagggtctg	ccttttgatg	tctgtacggc	atagaacca	aaaaaaagac	660
atcgtttgaa	gcntgaataa	naaaataaaa	t			691

<210> 489

<211> 658

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 489

tgccggccgtg	gogaacttgc	tgcaagtcgg	aggagtaccg	ggccangatc	gcgaaggggcg	60
ataccggcga	ccttcccttt	agcgagggtta	tttctgccaa	cattggcaac	cctcagcagc	120
tcgaccagaa	gcccataccc	ttcttccgac	aggtcggcag	tcttctcgag	aaccccatcc	180
tgctcgagaa	cgaggaggct	cttactaagc	actttggcta	caagaccgat	gtcattgagc	240
gcgcacaagt	cctctcgagc	aagattggat	ccgttgggtg	ctacagcgcc	agcactgggtg	300
ttcttgcctat	ccgcgatagc	atcgcacagt	ttattgagcg	tcgcgatggc	ttccctgctg	360
acccccaatca	catttacctg	tccggtgggtg	cctcttccgg	tgtaaacact	ctccttaacg	420
ttatctgcgc	ctcttctaag	accggtattc	ttatccctat	tcctcagtac	cctttttaca	480
ccgcacacct	gtcttttttt	gacgccaccg	gtgttccctac	ctggtcgacg	aagtcaaaga	540
actgggggtac	tgatgtcgat	acttttccgc	cttnttataa	aaaggccaan	gccgacggcg	600
ttgatgttcg	ccttatcgta	tnatcaaccc	tggnacccca	ctggggcttc	cttccctga	658

<210> 490

<211> 1020

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1020)

<223> n = A,T,C or G

<400> 490

gagtnccccc	tcctctcttt	ccttttaaabc	gtccaaagaa	ctcaacagct	ttctttccac	60
cccgcagaaa	acccacctcg	tgtctgggtct	gggtataang	tacagaacag	cacagcatat	120
ttctctgtct	gtgtgacctc	tgaggctcaa	ttgaattgct	catcacaaga	gcaagagtgga	180
gagcttcaac	tcctcanaga	atagagagca	ttgtgtgttt	ccaaggcggg	gaactnaaaa	240
agctccacaa	tgctctcttc	tgccgacaa	gactccttcc	tcgogaagca	ctacatcgac	300
tatgtctaac	cgcctgggtct	gtctctgatt	gttggaactt	tgatttgcac	gaagggaatgg	360
actccttaag	ctgcctttat	cgtctatcgg	ttcggcatct	acaacttcac	ggccttccag	420
gtcaagaaga	ctcttaagcc	tgatgttttc	caggacttcc	agctcgagga	gaaaaccatt	480
gtgtcgcaca	acgtcgccat	ttacgcttcc	aagcttccca	gccccaaagca	cattctcggt	540
cttctctatg	gtcancacat	ctccattggg	gctccttggc	cccancncca	tggtttctgtc	600

aaggagattg	ttcgctcgta	cacccccatc	tctggtgacc	accagcccgg	ccatgtcgac	660
ctcctgatca	agtcttacct	tcagggcaac	atttctaaag	acatggcttc	tcttgtcggt	720
ggccagacca	tcaagggtccg	tggccccaag	ggcgccctcg	tttacacacc	caacatggtc	780
cgacactttg	gtatgattgc	tgggtggtact	ggaataactc	tatgtctcaa	gtnatccgng	840
tatcgttcgn	ggcnaaccgc	ccggtgacag	accaagggtt	acctgatctt	tgcaacgtta	900
gcccgaagaa	atTTTTTTTaa	ggaggatttc	gaacttttgg	ttgccaagan	gctgggatcc	960
gggacactag	ttttnaaaaag	cctcggaggg	ttggactggg	ggcttgggta	acgtactggc	1020

<210> 491

<211> 600

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(600)

<223> n = A,T,C or G

<400> 491

ttagaccgag	gcngtcttct	tgcagaaaaa	gagaatgctt	cccttgcccc	aatcgcaaca	60
aatggatgga	ggcaagaaga	cagagtatat	gagcgcatca	tggagaacgg	ctacaacgaa	120
agagatgaag	tgcttcgtgc	agagtttcga	gaaacagaaa	caatgctcga	ttcctctatc	180
ttgatcgctc	ctcttgtctt	cttcatctcg	ccctgcgacc	cacgcttcct	taacactctc	240
gatcgatatc	tcttaccccc	tgagaaaagga	ggtctgacaa	gcaccgggtt	agtataccgc	300
tacgacactg	agctttccaa	cgatggagta	ggcggagaag	aagcgcatte	agtatgtgca	360
cattctgggt	agttgaggcc	atgaccagag	cagctgtgta	cgagccaaag	tatctgggtc	420
gggctgtcaa	cttgtttgag	aatatgcttg	gtttctccaa	ccacctatgc	atgttctcag	480
aggagattgc	aagaagtggg	gagcagcttg	gtaacacacc	ccaagctttt	agtcattctg	540
ccttgatcag	ttgcggtctt	caaccttgaa	cgtgttgcaa	ggtgagactt	ttgacagtat	600

<210> 492

<211> 660

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(660)

<223> n = A,T,C or G

<400> 492

ctcgaactcc	gagaaaacgac	gtccccatct	cgccgcctca	cattcgatcg	cagcagtgac	60
ggtctagctc	ggccataatg	tttgctaggt	cgtgtttggg	ctcgacgcgc	accttcaatg	120
gccttcgcaa	cgccctctcc	gctatcgcca	agcgtgcgcg	ttcctcaagg	gccaaacgcg	180
ccggtgatgc	cactgccact	cgactgaacc	tggcgcgcgc	cgcttcgacc	actctcgcgc	240
tgggtcccat	ggcctggtag	taccatcttt	atggacctgt	ggcttttgcc	atgactcccg	300
ctgaggaggg	tcttcacctt	accaagtacc	cttgggtcca	caaccagatg	ttcaaganct	360
togaccacca	ngctctccgc	gnggtttcca	ggtctaccaa	gaggtctgca	gtcctgcact	420
accttaaccc	actccctacc	gaactctcgt	cggttccatc	ttgancgttg	acaangncaa	480
gggttgggct	gaagaaaaca	aatacccggt	gagcctgatg	nnccagggcg	gatccaaaag	540
ggtcccgga	agctgggcga	ctacatgctt	ccccttacc	aaaaaagagg	tgcctgattg	600
gnaaacaacg	gggcctgccc	cggatttggtt	tnatantaag	gcccgaacgg	gggtgggata	660

<210> 493

<211> 634

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 493

atcgccgtca	tgggtgtcaa	aatccgtctc	gcccgtctcg	ggcgtcgaaa	ccagcccttt	60
tacaacatcg	ttgttgccca	cgctcgaacg	gctcgtaact	ccaagccgct	cgaagtcac	120
ggcacatatg	acccgattcc	caaggccgac	ccttacgaca	attctggaaa	acttcacaag	180
gatatccaac	tcgatcgtgc	gcgcgtgatg	tactgggtcg	gtgttggtgc	acagcctacg	240
gatacggcat	ggcgattact	ctccatgatt	ggcattctac	caaagaagca	gttcgggtccc	300
aagaaggacg	agttaaaagg	tgttttggac	agaacgaag	tncagattcg	ataaaaaagc	360
aagaaaggtc	cggaaagctgt	atgataatgn	ataaaaaagac	atttcgaggc	gttggttcgg	420
ggatcgatat	cacccgattg	gatgancagc	aaaaatngag	agcaaggcag	gacaacacag	480
acatcacccg	ggatcttttg	caggtgataa	aggccatgcc	gttttaagag	gagacggaat	540
tttctatgc	tngaacggtt	gntcacccag	ccaanatttt	ggtctttcna	attggntgaa	600
cgntaccaat	ccatgttaac	caattaaagt	ggtt			634

<210> 494

<211> 525

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 494

catgaacgtc	ctgcccctca	tcaacaaggc	cttggtctct	ttccagtggg	agcaagaactt	60
caaggaggcc	gaggcccttt	gcaagaaggc	tnttattatt	gaccccgat	gcgatatcgc	120
cggttgcact	atggctcagc	tcctcctcca	gcaaaaacat	gttcctgctg	ccctcaagta	180
cttcgagcgt	gcgcgcgagc	ttgcccgaac	cgaaggcgag	attgtaaatg	ctttgtccta	240
tgctgaggcc	acacgaacac	aagtccaagt	tacggagaag	taccccaagc	tggcagcaaa	300
gttggcaggt	gggtgccggac	ctggaggcct	tcgcatggga	cctcaataaa	tgcgtatgag	360
acaaaatata	aacggccaga	acggcgtgta	aagtgtacga	atttgaggca	nacgaaaaaa	420
aggaaggcgt	tgaattagga	tgggatgcgg	gacacgatca	caccaccctn	tgtccaatga	480
gggagctcac	tcagcgacga	actgtctcgc	ctcaccaaca	agtgaagtcc	attgcaatgc	540
tttgcagctg	ggaactataa	tgcacacatt	tgacctact	gnctgtata	taataacact	600
tcttttatct	ntttgtangn	atatg				625

<210> 495

<211> 545

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(646)

<223> n = A,T,C or G

<400> 495

tttgaccccg	atggnccgcg	cgaggctctc	ttccagaaga	gctacttcca	gctcctccac	60
gacgctcttn	gtgaggggcg	tgctattact	actcaagcgg	agagccctcg	gcttcacctc	120
ccctccatca	ctcgtctcaa	gaaggactgc	ggagccatct	tccccgtcgn	cgaqtaacct	180
tacacaccca	tgcccaccta	ccctcccggc	cagatcggat	tcatggtctg	cttcaaggac	240
cccaaggccg	atgtccagaa	ccctcccggn	tcctggacca	aggaggagga	ggatgntaan	300
cttcggatac	tactctctcg	agatccacaa	ggcccgctct	cgttcttcca	aagttcgatg	360
ccaaggctct	tgagtaaaagt	cgtctacaca	caaaggattg	atgcagattg	gtttangtgg	420
ctacgtttat	gagttttacg	agaaaaggga	tcantgggga	caaaaaaggc	catgggcaca	480
tagattccatc	noggaacgca	aggtnatat	gtcccgagtt	ggaaaatnta	ttgnttttnc	540
tgccaaaaaa	ctcgacatgc	ntctagaggg	ccaattcgnc	tatattgagt	ctattacnat	600

canttggcgg ngtttaaacg tegtgnctgg gaaacctgcg taccca

646

<210> 496
<211> 532
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G

<400> 496
gcgcaacct cctttcaagt atccgccatg ccaccccaga tcaagcaaga tcttaatcgt 60
tcaggatggg agaccaccga ttccccctcc gtttgcgaga cgtgtctccc cgaaaatcct 120
tacgttaaaa tgcctaaaaga agactatggg ggggaatgca aattgtgca tagaccttcc 180
actgtatttg cttggagcgc taacgctgcg aacggctgca agaagcgaac caacatttgc 240
ctgacgtgcg cgcggctcaa gaattgctgt cagtgttgca tgctcgatct ttcctttggc 300
cttccatcgc tcgtacgaga tgctgccttc aagatggctg cccccggacc cagtccgaca 360
tcaaccgaga atacttcgcc cnaaataacg aacaattgat tgaagaagga aaggttggac 420
cagaanaata cgaaaagaca gacganaaag cgcgtgagct gtttcgaaaa ctgcgaaata 480
gttaacccta cttccgcaaa ggaaggacta tccaagaagg tgaaaatttc ca 532

<210> 497
<211> 629
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 497
caactatggt cttcagggct gcctcaagtt cggcgctccc tacaatgatt ttatctttga 60
gaccatgctt gctcgcatgt gggaggctgc ccaggggcgc tacggtgctc gtgctatgag 120
agectgtctt gaaagtcacc actccaccaa ggaccagcag cgaatgctag ctgccgccat 180
cgccctaaac agtgtccagt tggcaaccaa tgctaaccgc gcccttctct tgacttggtt 240
cctggacacc tgcactttcc ctacagctcg aacagttttg tcgccccagc ttgtgcctta 300
cctagtccat cttctgtacc acaaggttgc ctatctcacc gtgctgaagg tcatcaatca 360
gaaggccagag gcagacgcca gagaacgccat tctccaggcc ttgtttttca cgcccaacga 420
tcagggtctg gagggcattc tgaaagatna ccagtgcggt gctactctca tcttcaaggt 480
gcttacgaag ccttccctcg atgagtcctat ccgcaatcaa ggttggtgag aatgttaaga 540
atgtccntgt caagatnaaa gctcaaccca accaagggtg caaacgcctg atggatnagg 600
tcgggttgct aatcccaacg ctggnaaaca 629

<210> 498
<211> 853
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(853)
<223> n = A,T,C or G

<400> 498
ttcgagggtt tgaatgagct cgtcatcgat cgtggccctt ctccctatgt ttctaacctc 60
gagttgtatg gcgatgacta gcttcttact gttgtgcaag ctgatgggtg tattttctct 120
actccaaact gttctacagc atactccttg tcagctgggt gtcgccttgg ccacctgat 180

atccctgcc	tccttctcac	ccccatttgt	cctcacactc	tctccttttag	acctatgggc	240
ctctccgata	ccatggccct	tctgtctggt	gttccctcgca	actcacgagc	cactgcctac	300
tgtgctttcg	atggtaaggg	ccgtctggag	ctgcgcacaag	gagaatgtgt	caacatcact	360
ggcctctaag	tacccttcnc	taatggaacc	cgcaccgaca	ccgagtgggt	ggacagtgcc	420
agccgaactc	tcnngtggaa	cgcccgcgct	tttgcctana	anccttttga	cgctgaagtt	480
ggtgaagatg	gcaaggacga	atgatgagat	cggctgggat	atcgacaccg	atagcgcatg	540
ctacgctagc	gaagatggga	atgtcaagtg	ccagtcctcat	ccgtcgacaa	atgagcctcc	600
tgggtctatg	atgcggagtg	ccaccatata	caagagaaga	acaaatgatt	aaggcaaggt	660
gttggcggcg	tttggctttt	ttgcaccacc	atttaattgg	aatacaaaca	tttgategat	720
cangcccccg	attgttgatt	aaaggaggac	cagtcaaggg	ataattcaag	catgatggcg	780
aacaaggtac	ttaaaccattc	tagattcaga	agacatatcg	tctttggcta	tgcaatatac	840
acaatgcatg	act					853

<210> 499

<211> 576

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(576)

<223> n = A,T,C or G

<400> 499

ctcctcgag	cttgctagt	ggtgtcttta	cctttgacct	cgcccgcat	cagctcgttt	60
atggattctg	ctcaggctct	ctttgtctgg	ccgctttcat	gattgtcaac	tacgcttcgt	120
ctggtaagg	ttactacaac	atggctccctc	actgtaatga	gagcggaacc	gagggctgtg	180
accttgctta	ccgtgctcgt	gccacaacct	ttccacactt	ggcctgtttg	ttgttggtca	240
ccgcttgga	ngtcaagcac	ttccaccgca	gtctgtttaa	catggacgaa	cgctgcttcgg	300
gtcctttctc	cgtgttcaag	ancatctacc	acaacaagtc	ctcttctggt	ctgtcattgc	360
tggtttctgt	atgatcttcc	ccatcgtgta	cataccctac	ctcaacactg	aagtcttcaa	420
gcacaaaggt	ctcacttggt	aatnggggaat	tgtccctggc	tgggtgatct	ctacnttgc	480
ctcatcgaaa	ctggaanggc	atgaaaaaac	ggtcaactgg	ggtatgaacc	acctatacng	540
tcaggtgact	ctaattcata	aacaaatgat	taaaac			576

<210> 500

<211> 594

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(594)

<223> n = A,T,C or G

<400> 500

agcgatacta	tgatgaggag	cacaagcaaa	tgtctgagcg	tccgtacgat	ttcaacagct	60
ggcaagacag	cgagacggcg	caggctcttg	ccgctaagat	gggccttgac	gacattcttc	120
tcgagggcta	tgcggaaatg	cctacatacc	gaatgctcat	ggcgtacctg	gcgaccgaag	180
ggggcgatcg	ccacatgctc	ttaccactcg	atggngtftgg	gggtactgcc	ctcctaqtta	240
agggcgacgt	tcacgtgac	ggtgccatgt	ttccctcatt	ctctttctac	cacctgattg	300
agaccgaggg	attcgccaag	atgcgaagcg	attaggtctg	cagtcattgg	gtcttcccaa	360
ctataaggtc	taccactaca	acgagtana	attgcccgtat	caactttgca	tgggcaactt	420
atttcaactg	cttgccattc	cctttcacaa	cttctagltg	tgaaaaaggt	natggcgat	480
tggaaaaagc	aacgggaatg	tgccttcttt	ttccatggac	aatcataatc	antttgggng	540
gttttggctc	cgcttttatt	atnccacttg	gaabaattct	tttccaaaca	agga	594

<210> 501

<211> 848

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 501

agcatcttct	cgccttccag	caacttgacc	aacgcacgag	ttctaactca	accgaatcaa	60
tcaactacac	ttttcaccaa	ctctcaaate	tttcgaaatg	gctcccaagg	ctgctgacaa	120
gaagcccgcc	tccaaggctc	ccgctgctac	tgcttccaag	gctcctgaga	agaaggacgc	180
cggcaagaag	accgccgctt	ctggcgacaa	gaagaagcgc	tccaagaccc	gcaaggagac	240
ttactcttct	tacatctaca	aggctctcaa	gcagggtccat	cccgcactg	gtatctccaa	300
ccgcgccatg	tccatctga	actccttcgt	caacgcacatc	ttcgagcgtg	tcgcttctga	360
ggcttccaag	cttgccgnet	acaacaagaa	gtccaccatc	tncttccgag	agatccagac	420
ctctgctcgc	ctcctctctc	ccggtgagct	tgncaaagac	gctgctctctg	agggtaccaa	480
nggccgggtac	caagtactct	tcctcgacga	aatagggtgg	ttgatagctt	gatttgtttt	540
gggcatttag	tttttcacgc	gtggcatcag	gggtgctatga	atctgagggt	tcacggggat	600
ccagccctgt	ttttgggggc	ctcataatgc	gttacggatg	gttttgtttt	ttttttatcc	660
tggggggcaat	gtcttcacac	acggggcaacg	gggttcgcgg	ttgtacaata	aacatcgaga	720
atagggtctc	gatcaaata	attcgtgcac	attagcttct	tgcatcttt	ctattgngta	780
tccattctct	taatgtaaat	ccacaatctc	ttgcagtcac	agtggattcc	gattacccta	840
actcatac						848

<210> 502

<211> 622

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 502

cgcgagggag	gcactgggtg	tgagctgtgg	gcctgggttg	atgctgaaac	tgatgccgaa	60
gctgatgaga	agtgggtgat	tctgacaaac	gctctgtctg	gactattctg	tgccagtctg	120
aactttatcg	acgagaccgc	aacgattcga	cccgctcatg	ccttccagcc	cgatggccac	180
cactccaatt	cctcggttgg	caacacaaga	cttctccatg	gcgtcttacc	acatgaagtc	240
gtatgcaccg	aaaacttgac	acctttctct	aagttactgc	catgtaaggg	caaggctgga	300
attgcaacgc	tactggatgg	acacaagctc	tttgatgcct	cttatcagag	catggcaatt	360
gacgtcagac	ccaagtgtga	tgcggatggc	gaatgcttcc	tggaaatgga	ggagactgtg	420
gacatgggtc	tcgatattaa	ccgctccaag	agacctcaaa	acaatcctat	ccaagaccc	480
cctnctgctc	acgagcttct	ctgcgatacc	tncaaactcg	accactccga	tacacttgct	540
tncccgncga	cagcctcgat	ggccaagact	ggagttttat	tcaagtattt	gggcgatcca	600
ttaaanggaa	catgccatt	gn				622

<210> 503

<211> 477

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(477)

<223> n = A,T,C or G

<400> 503

gtctacggta	tcaacctcca	gcagcaccgc	aacgatgttg	anacacccc	caagcacttc	60
agcaccatca	tcacctctaa	ggacactgct	tcctcccccg	agagcgtctg	tcgcgacctt	120

accatcgcta	ccatcactct	naaatacact	cagagtaact	ctgtgtgcta	cncctacaac	180
ggacaggctg	ttgggtctcg	tgctggacag	cagtcccnaa	tccactgcac	tcntcttgcc	240
ggcgacaagg	ccgacaactg	gtggatgcna	ttccacgagc	gcgttctcgg	nattaaatgg	300
aagaagggtg	ccaagcgctc	cgacaaganc	aacgccatcg	acctgctcgt	caagcggcca	360
ncttttctaan	gatggccctg	agcgtgaggg	tttcgagggg	gttttcgaag	aggtcctctg	420
ttcttttact	tgccnaggag	cgtgnggctt	ggataaacac	tnaanacggt	gcgtttc	477

<210> 504

<211> 2036

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (2036)

<223> n = A, T, C or G

<400> 504

cctccctctc	tcctctctgt	ctcctctctc	acacacacac	acactctcat	tcactctgtc	60
aatcatgtcc	aaacacgact	cgggcagcac	cagcaccggt	gccatggaag	cccgcgaattg	120
atcaaaaagc	ctcgacgaaa	actccaaaag	cctctggcgc	aggcaacca	gaaagctgcc	180
cgatcagctc	ctcgagaacc	ttggtacaa	ggctgagctg	tcgcgaaacc	gttctacttt	240
ccaggctcgt	ttcatgtcct	tcgtcctcgc	ttctattccc	tacggtctcg	ctacaacctt	300
ggcttaccct	ctgattggcg	gtggccctgt	caacgttatc	tggggatggc	tcgccgtctc	360
tctcattatt	gtctgtgtcg	ctgcttctct	tggtgaaatc	accagtgttt	atcctacaac	420
tggaagtgtc	tactaccaag	ctttcatgct	ctccccctct	cgatggcgtc	gcattgcaag	480
ctggatctgt	ggctggctct	acattgtcgg	aaacattacc	attaccctcg	ctgtcaactt	540
cggtagccgc	ctcttcattg	acacgtgtgt	caatgtcttt	gagtcgagcc	ctgggtgtcgg	600
tgtcatgtct	ggagaggcct	accaggctct	cctcgtcttc	ctcgggtctca	cattcctttg	660
caacgccatc	tctgcgctcg	gaaacaaata	cctcccatgg	attgataccg	ctgctgtgtt	720
ctggactttc	gctgggtgta	ttgccattgt	cgtctgtgtc	cttgctatgg	ccaagggagg	780
ccgtcgcgat	gcccgttatg	tctttgggtc	tttcgagggc	aactctggat	ggcccaaggg	840
ctgggtcttt	tgtgtcggtc	tcctccacgc	tgccctacgt	acctcttcca	ctggaatgat	900
catctccatg	tgtgaggaag	ttcagaaccc	ttcgggtccag	gtccccaagg	ccatgggtcgc	960
taccatcttc	atcaaacact	tcgttgggtc	cctcttcctc	atcccgttga	tgttcgtcct	1020
ccccgatctt	caagaagtca	tcctttccgc	ccagccagtg	cccttcctca	tcaagaccgc	1080
tggttggtagc	tcgggtgggtg	cctttggact	cctcttccct	ctcatcgtcc	tcgccatcat	1140
ctgcggtatt	gggttgacac	actggccact	tctcgatgca	catgggcttt	cgctcgtgac	1200
ggtgctatcc	ctgggtgcta	agtgggtggc	caagggtcaac	acttcgctcg	acnttctctt	1260
caacgctatg	atgctcacat	ggttggtccan	atcatcctcg	gtatcatcta	cttcgggtcc	1320
tctnccgcct	ttcaacgcct	tctctgggtg	cgggtgtcatt	tgnttctgac	aggaaagcac	1380
cctagaccaa	tagcncnag	aacgctgcc	gcccacagat	gtaactttgt	caagcctgaa	1440
taactgggtt	gtcttgggcg	aacctttctc	ggcgtcggtan	anaagggtgt	tgacaccgct	1500
gatggcgtgg	tagncaaaagg	ggaaaccnga	gagtgaactt	gagaccaccc	ttgacggcaa	1560
ggggaagacc	ggcgacgaag	ctagcgatgc	tcaaactctc	gaggtggaga	ccgacgatgg	1620
gagcggcgag	gtagcgatg	gagaagccgt	agaggggtgac	ggagagagta	gagccggtga	1680
tacggttcca	ggcggagcta	ccgaaccatg	tctgctcgat	ctttagatag	gccagatggg	1740
gagagacggg	tcggttgagg	cgtgggttaa	cgaggatctg	ttgaccttcc	tcttgagaga	1800
ccttgacaga	accagtagag	gcgcggttgg	gagaagaggt	agagatgcca	gcagccagag	1860
cactcttggg	gatgttctga	gcaaaagaaag	gcttggccgc	gcctgaqcyg	agggcgttga	1920
cgccaacacg	ttgagcgagc	atcgtggaga	ggattatttg	ttcggatttg	agggagggag	1980
gttcgtccaa	ggttcgtcca	acgatattgt	cggcgtcgtt	actccaaaga	gggcag	2036

<210> 505

<211> 826

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (826)
 <223> n = A,T,C or G

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<400> 505
acgacgatga ggagaagaag cgcgaggtta ttcgtctgga gcaggatata ctgtccgata      60
tggccgacag taagcagttc tacgtctacg agaccaagga cttttggcgc cagatcaaga      120
ctgctggctc cgctgttccc gccaacgctc tctaccttca gaaggccgca cagtccgaat      180
ccagctcggg gctcgccacc cccagcgcca acatcgctcc cctgttttcc attcacccta      240
ccgctcaagt tcaccccact gccaaagctcg gcccacacgt gagcattgga cctcgcgctg      300
ttgttggcgc tgggtgcccgt atcaaggaga gtattgtcct tgaggactct gagatcaagc      360
atgacgcctg tgcctcttac tctatcattg gctggggtag ccgcgttggg gcctgggctc      420
gtgtcgaggg tactcctacc cctgttgcca gccactcaac cagcatcctc aagaacgggtg      480
tcaagggtgca gagcattacc atcctgggga aggactgtgg tgttggcgaa cgaagtcggg      540
cgtccagaac tgtgtctgct tgccgtacaa ggagctgaaa gagggatggt ggtcaatgaa      600
gtcattatgt aaaggaattt gtctctacac tagattagat tagcgcaaaa agtttgcgat      660
cgttcccgca tgcctaggct cggatatata caagctgagg ccatcaaaaa cgtaatggan      720
gatgtatata ggagtaattt cgggggacta tcagggaaca aataaacatg gtccttttgg      780
gactgctgaa gcgggacgac tgacgcctca ccaagtaaga aacacg      826
  
```

<210> 506
 <211> 595
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1) ... (595)
 <223> n = A,T,C or G

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<400> 506
ggacaatgag ccggcagctc gtcttgtggg tgacaaggca gctggcaacg atggacattg      60
caatcatacg ttcttccaca actattctcg cagctgaagg atccctcgaa ccaagaacag      120
ttggcatcat catatgaatc acacacgctc tctgtcttgg agcattgcat ctccttctca      180
actcgtccac agtagcattt cgtctccact gttacttcgc aagtaccaca cacgcctggg      240
tggcatatct gagtgcattc atgctgtgag cacggaagca gatcaccaca tagctctcga      300
cagctccatc cgttgtagta atcgggtgtc ctgcagtttt ttcgctgaga gttctttcca      360
caatagcacg gctccgggtg gctaagaacg gtacaagggtg ggcattggcc aaggtgacac      420
tggagaagtg catgggtgag agcatgtcga tctggatttg gnacangtct ggccacaaaa      480
atganggggt aggagactat tnngctgag ttgcggttct ttggcgcacc agcatgaact      540
attacctggc tcgtcgggtc anggttgaat tgcattcaag acaacgcctg acttg      595
  
```

<210> 507
 <211> 651
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1) ... (651)
 <223> n = A,T,C or G

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<400> 507
ctccagggtc tataactagc ctccattata ttggactagc cctgtaaact ccttcgcttt      60
agttatatct acagcaagaa accgacaaga tgaaggccaa ttggcttgcc gcagccgttt      120
atthggctgc tggcagtgat actgcagctg ctgcccgaag cctgatact ttggcaggag      180
tcaatctctc tgcgcgagac aaactcgctt attctcctcc tcaactatct tcaccatgga      240
tggaccctga agctcctggt tgggaggaag cctacgccaa ggcaaaggac tttgtgtccc      300
agctgactct tttggaaaag gtcaacttga ccactggtgt tggatggcaa ggcgaacgct      360
gtgtaggaaa cgtgggatct attcctcgtc ttggtatgcy aagtctctgt cttcaggatg      420
gtcctctcgg aatccgcttc tccgactaca acagcgcttt cccactgggt gtcacccgcg      480
  
```

ggcgcttctt	tggagtaagg	ttctctggta	tgaaaaaagg	acaattgctt	gggtaccgaa	540
tttaaggaaa	aaggcatcaa	cattgcttct	tgggcctgct	acngggcctc	ttggggccgtc	600
acgcttgccg	gtgggcgaaa	ctgggaaagc	tttnaccgtn	ganccctatt	n	651

<210> 508

<211> 507

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(507)

<223> n = A,T,C or G

<400> 508

ttcttgaatc	ttcagctcct	actnttccag	cgganaaaaca	actctttgtg	attaatcgct	60
attatcacaa	tcgagatgga	tactgtttatc	aacatggcgc	atgcgcgaca	cgcactggat	120
cttgctcgaa	tccggttcca	gctaattcga	ctngaggata	ccatcacttt	ccatttgatt	180
gaaagagtgc	agtttgcatt	gaatagnaca	atctatgtcc	ctggagctgt	cgagcttcca	240
gaagcgaacc	tgagcttcct	cgactgggtac	ttccgcgagc	aagaaaagct	gcaatctnta	300
atccgacgtt	tcnaatcccc	tgacgagtc	ctttctttcc	cgacnctctg	cagaagccaa	360
ttctcaangc	ctntcacttc	cccagantct	tatatganaa	cgacgtcatg	tgaacgacaa	420
tattnagntt	tttnacgga	aagttctttc	cggagngtgc	ccgctttngg	cgggaggnng	480
ggngagccc	aaaaaactcc	ggtcccc				507

<210> 509

<211> 574

<212> DNA

<213> Fusarium venenatum

<400> 509

cgctcgctcg	ctcatgcaag	ttatcggtct	tgctctcacc	ctggccctct	tcttcgctcc	60
ctttgacaac	gactactact	ctgtccagag	ccgaatgggt	tttgttcagg	aaatcggcgc	120
gttctacttt	gtcggcatgt	tgcaaaatac	agccatctac	cccagcgagc	gcgatgtgtt	180
ttaccgagaa	gacgacgacg	gcgtctatag	cgtaaatgct	tttctcgctt	cctacaccat	240
cctcgaggtc	ccctttgagg	tgataagctg	tatgatattc	ggtgttctgg	gcgtcatcgc	300
ggtagacctc	cctcgcacgg	caacgctcta	cttcacatcc	gtctttgctg	gcttcggcat	360
cgtatcctgc	ggcgaagagt	ctcgggtatca	tgttcaaacac	gctctttggg	cacactgggt	420
tcgccgtcaa	cataatgggc	gtgttccctg	ctcttgctaa	taccatggct	ggcgtgctct	480
ccattgacat	gcccagagctg	ttcaaggcct	tcaactacct	ctcgcccatc	cggtagcgac	540
accgctgtgg	cgccgtattc	cctgcgtggg	atcg			574

<210> 510

<211> 590

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 510

caaactgtgt	agatttttct	cagcttcacc	cgcagtcacg	ggtaacaagg	ttttcttcga	60
tatcacctgg	gagggtcccg	tcttccagaa	cggcaagccc	acctccaccg	ttaaggagca	120
gactggccgc	atcaacttca	acctcttcga	cgacaaggte	ccccagaccg	ccgagaactt	180
ccgtgctctc	tgactggcgc	agaaagggtt	cggctacaaa	ggctcttctt	tccaccgaat	240
catccctgac	ttcatgcttc	aggggtggta	cttcaccctg	ggcaacggca	ctggtggccc	300
caacaccaac	ggctctcagt	gcttcacac	caccgtcgtc	acctcttggc	tcaacggacg	360
ccacgttgtc	tttggtgagg	tgcgtgacca	gcagtcctct	gatgtcgtca	angcccttga	420

agctactggc	tccggcagtg	gtgccgtcna	gtacaacaag	aaagccacca	tontcgactg	480
cggtagctg	taaacagctc	aatccgtacn	actngcgaac	gggaatttgg	aattgcataa	540
caaaacctca	ctgaaggctg	gcganatgga	actaattagt	ccaggcta		590

<210> 511
 <211> 443
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 511						
caacgcgctc	aacctctttt	tgcagggtct	tttcaactatt	atgtacagtg	acttgggaatg	60
tgactacatt	aacctctattg	acctctgcaa	ccgactcaac	acctacatca	ttccagagggc	120
tgccgtacac	ggtttcttga	cattctctct	ccttatcaac	ggatactggg	tgccctcttat	180
tctcaacctg	cctctctctg	gctggaacgt	caagaagatc	gttgacaaca	ctcacctct	240
cgatgcgact	gagatcttcc	gcaagcttaa	cgctccacaag	aaggaatctt	ttttcaagct	300
gggcttccac	ttgatcatgg	tctctctcta	cctctacagc	atgattgttg	ctcttatccg	360
agacgagtct	ttctaagtgg	tactctttac	ccagcccggg	atccgaatat	ttccgatgtt	420
aggcattgct	acgtcagata	gaa				443

<210> 512
 <211> 389
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 512						
gcaccaacga	tgcccccgtc	ctcaaaatgg	ctgatgttgg	cttctcaatg	ggatatcgctg	60
gtacagaggt	tgcaaaggaa	gcttcggcta	tcattcttat	ggacgacaac	ttcaacagta	120
ttgtcaaggc	cctgaaatgg	ggtcgcgcag	tcaatgacgc	agtcaagcga	ttcctacagt	180
tcagctcac	agtcaacgtc	actgctgtta	tcctcacctt	tgactgctg	tttccaatga	240
tgaanagtcg	tcaagtnttg	acggntggca	acttntntgg	gcaacctgat	catggacacc	300
ctgcgcgttt	ggnttttgga	ccganctccc	accaaagggt	ttccnccnaa	agcctgaccc	360
aagggatcga	ccttnttttt	tgccccatg				389

<210> 513
 <211> 722
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(722)
 <223> n = A,T,C or G

<400> 513						
ctttctgacc	agtgtcaact	ggtangetna	cgtcccatnc	ttntacgtcg	tgtccatata	60
caccgtcttt	cgttactcct	gttgtctacc	acttcattcg	ttttttaata	tttataataa	120
tcctctttac	ttttcaacta	ttctaataaa	ttccatttgc	aacatccgca	aacatggctc	180
ctatgtggtc	cagaattatg	ctggctggca	gccttgacgc	ttcagttact	gcgcagacgt	240
attcgagctg	caatcccatg	aagcagtcgt	gtgatgccaa	ccccggtctt	gcttcttcat	300
cttactcggt	agactttacc	aagggcagcg	acgacaacaa	ctgggaagga	accggtcacg	360

gagacgtcaa	atatacctcg	gaaggtgctg	agttttacgat	caacaaacag	ggccagtcac	420
ctactatcca	gaccaagtgg	tacatgttct	ttggctcgtg	tgagatccat	atgaaagcag	480
cccctgggca	aggcattgtt	tcgtctattg	tcttgctgtc	tgatattctt	gacnaagttg	540
actgggagtt	tctgggaagc	agaaatccga	aaccagagacc	aatttctacg	caaaaggaag	600
cacggataac	actcagagtc	ttacattccc	ggtcgaaaac	actcattcag	aatttcacaa	660
ctataccgtt	cattggaccc	aagantcatg	ttgcgtggta	tatcaacngt	gtttctgtcc	720
aa						722

<210> 514
 <211> 512
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(512)
 <223> n = A,T,C or G

<400> 514						
gtttgccacc	cttggtgact	tgaaggtggt	cgagagacct	accacacaaa	acctaggtcc	60
tcattgacttc	cataacgtcc	aatgcacaa	caaggtctca	tcaacagata	ccggtgtcat	120
ctttggtaac	gttgtctatg	acggtgctca	ctccaccgac	accaatgttg	ttattctcaa	180
tgacctgcac	gtcgacatta	tggattacat	acagcctgcc	acttgcaactg	agacccagtt	240
ccgcaccatg	tggactgagt	ttgaatggga	gaataangtc	aacatcaatt	ccaaggccaa	300
gacactccgc	gacttccttg	atcagttaat	ggcttgccac	aatatgaact	gcctgacacc	360
agaagctacc	ttnaaggcga	ntgccattcc	cgagtgccac	ttgttcgcaa	naaacntttt	420
ngggaagang	ctctcnccan	ccgancatga	aaagaaggta	agaaggacna	tnctggggtg	480
ttaaaanaga	atcatacaag	cctggcccga	cc			512

<210> 515
 <211> 632
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 515						
ctgacacctt	ggctttttaca	acgcgcgtatt	cttctaatacc	tcttggttggc	ctatctcttcc	60
actgttttga	tcacaactct	actatacagc	aaccatgcga	gcttacttct	acgatgggtct	120
tcacaggtgac	cagcgcctcc	cccacaactc	tggaaagccc	gtcagcgtcg	acgatcttat	180
gaacattggc	gtttactatt	accatcttcc	tgagctcgac	caggtcgaca	atcttgcgaa	240
tgagcgcgaa	tacaagaacc	gtgacgagat	caccgtctct	ccccaggcta	tgggcgacat	300
ctacgagaca	aaagtcaagt	ctttcttcgc	tgagcatcta	catgaggacg	gggagatccg	360
ctacattctt	ggtggacgtg	gatactttga	tgttcgaagc	aaggacgacg	actgggtgcg	420
cgttttgctt	gagaagaatg	acttgcttat	tctcccttct	ggcatttacc	accgnttcac	480
caccgacgag	accaacttcg	tccatgccat	gagactggtc	aaggaggacc	ccaagtggac	540
gccactgaac	cqngggcccc	aaqtcgacaa	gaacgagcac	cggaaccagaa	taagtgaagc	600
acttcattgg	gcgaagctac	cgagtaagaa	gc			632

<210> 516
 <211> 1058
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1058)

<223> n = A,T,C or G

<400> 516

ttgtgttgtc	gcttttcattc	ctgaggggtat	gcctgtggct	gtcgcgttga	cacttatgat	60
gggtggctcgc	cgcataaagg	ctgtcaacgt	cctccccaaa	ggcttatcaa	ctgttgagac	120
attgggctgt	gtcaacgtca	tctgtctga	caagactgg	actctcactc	aaaaccagat	180
gtttgtcagc	tctgttgctt	ttgtcgacaa	gaagtttgag	tcttcggatg	agtttgagta	240
ccttgtcaat	agcaaggaag	cgggtgagcc	ttcaatggct	ctgcagcgtg	ctgctcttct	300
ctgcaatgat	gcatcatttg	acccaacaac	cgtccatctt	cccattcaag	agcgttctat	360
catgggtaac	gccacagaca	gcgctgtctt	ccgcttctct	gcatctggac	ccactggaga	420
tagcctccga	aagaccatgc	ctcgcgtctt	tgaagttccc	ttcaactcca	agaacaaatg	480
gatgttgacc	gtcttncagt	ccggcaatga	gagaggtgct	taccgggtta	tcataaaggg	540
tgctcctgat	atcctcctcg	ctgggtgcac	taaagtactg	gtccgctgag	tccaacttcg	600
ttgtcaccct	taccgcgcac	gcacgcacat	agttccagca	gatccaagat	gaagcctctt	660
gctgtgcgga	acgtgtcatc	gtcctttgtg	aaaagttcat	cacacctcgc	tctgttgccg	720
gtaccaacaq	ttttaatgac	gagatnacac	actctgccat	ccaagacctc	accatcgttg	780
gtatgctcgg	tatcatcgac	cctcaacgtc	ccgagaltcc	tgcacacagt	gancaatgtc	840
gacgcgctgg	aactcgtttc	tcattggtact	gggtgactacg	ccttgaccgc	tgctgcaant	900
gccncaacac	tggtacctcc	atgcancagg	acctgacaca	tcgatcntcn	acctgganac	960
ttaagtaana	ggaaagagac	aaganccaga	aaggngtctg	cgaattacaa	ngaattccgtt	1020
cttagngnca	actnaaaanc	atcaaagntg	gantcttt			1058

<210> 517

<211> 633

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(633)

<223> n = A,T,C or G

<400> 517

gttgcccacc	tcatacccg	ccccaatatg	ggnggtaaat	cctctttcgt	tcgcgctcta	60
gccctcattg	ttcttntttc	acaggctcgg	tcgtatgttc	cancagactc	attgtctctc	120
actctctgtg	atgccatcca	taccggaaca	gggtcccgc	ataacctgtt	tgctggcnaa	180
tctaccttta	tggtcgaggt	ctccnaaaca	gcgcgcattt	tacgctctgn	tggtccccga	240
agccttgtca	ttctcgatga	gttggggcga	ggtaaccagca	ctcatgacgg	cgccgccatt	300
gcccagccg	tgctggagca	tgctgttacc	ganacacagt	gcctaaccgt	cttcattaca	360
cattatcaaa	acctggcgcg	ggctgcgcga	ggctcttgacg	gcgtcaaaaa	tgttcacatg	420
aaattcaagg	caaaaaaagg	ggaggatggg	gaggaanaag	tcacgttctt	gtacaaaatc	480
ggngangggc	ttgcccatcg	ctcgtaacng	ttgaacgctn	naaactcgcg	cgttttctta	540
aaaaaagtga	ttgatgggtg	tgctttgaag	ncnagtcaaa	ttganccaaa	aaatgaaaaa	600
tncgcccctg	anggggtgtt	tgccggccct	ttn			633

<210> 518

<211> 647

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(647)

<223> n = A,T,C or G

<400> 518

atctgccctg	tcaacgacct	cggagccaac	atctttacag	gcctcaagtg	cgaccccaac	60
cgggtcttcc	ttcccaagac	atacgagctg	cccagagctg	tcttcttccc	tgacaccgcc	120
aacttctctt	tcaccattgc	tctatgcag	attcacgctc	tcaatctggc	cacatttgct	180
tcgctcatcg	ctcctttcgg	tggtttcttt	gcttccggcc	tcaagcgtac	cttcaagatc	240

aaggactttg	gcgactctat	tccctggacac	ggaggggatca	ctgatcgcat	ggactgccag	300
tttatcatgg	gtttctttcg	cctacatgta	cttccacacc	ttcgttgcta	tccacaagg	360
caagccttgg	ataagggctc	gagacggcaa	tcaacaagcc	taaaccctcg	tgaagaaagt	420
cgagctcggt	aaaaagtatg	ggccattacc	tccgaaaaca	angggatatc	ggacagaaaa	480
aacaaacggt	catgcattga	tcaactccgg	ccgttgcgaa	ctntttgcaa	taagaaaaag	540
ccggacaacc	atagcatctc	gactccgaca	catattttca	tatccgactg	gggctatcca	600
cactaagtcc	ctcntccaat	caacctggcg	ttctcctttg	gtaaaaa		647

<210> 519

<211> 940

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(940)

<223> n = A,T,C or G

<400> 519

cctacccaaa	gctctactct	cttatataat	ccggctttcta	gaccatcacc	aaacctctag	60
cttacctgcc	ttgcgctggt	cgattgtccc	tccaatttga	cctcatctcg	aaccttataa	120
caacctcttg	tcaccccttc	gacttatacc	ggctgcaaac	atcaccatgt	ctcaccaagt	180
caacggcgac	gtgagccccg	ctcagtactc	tgcttttcac	cagcatctcc	tcaactatcc	240
ttttatcagc	gacggcgctc	acacctttcaa	gtccaacgaa	ctcggccagc	gctccatcag	300
acttagtgac	gccgcctacc	aaacctttgc	tgctcccgct	gttccctact	tctccaaagg	360
ctaccaatat	gtctcacctt	atgtccagaa	ggctcgacagc	ctaggcgaca	agaccctcga	420
tcgcatcgac	gagaagtttc	ctgctgtcaa	aaagcccacc	gacgagctct	accaagatac	480
ccgcgctctc	atcatgtttc	ctctccagaa	gggtcttgag	ggcaaggacc	acgtcttcca	540
ggtctacaac	tccgagatca	agaaggttga	gcaggggaggt	ctcgtcgccc	atggaaaagg	600
ccgcgctcac	cacgcttctc	gtcgttagca	acgaaactct	ttttttgggt	gagctctttc	660
ttgcaccaga	agaaggccga	caccaccaat	gccatcaacg	agaagattaa	ccagtaaaca	720
tctcgctcac	acgactatgg	cgtcattagt	ttgatggctg	tagtcagcaa	gcacatttat	780
accctccttg	nttcttttna	ataagggatg	gtttaaaaca	cgnggtttct	cgtcgnattt	840
ctctttcctt	atgctttccg	gggttttagat	gccaggaaan	tccgaatagc	gtgtntngaa	900
ctgtcactct	cgccgtccat	ctgcgcctct	cctggcctgt			940

<210> 520

<211> 580

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(580)

<223> n = A,T,C or G

<400> 520

gtaaaccccc	ccccatacaa	atggaaaatc	gnaaccctgt	tttttttgca	gtccgccttg	60
ctacccccnc	aaggggtatc	acctttgtgc	ccaacgatgc	ccgagtcctt	nattttgccc	120
naagcaagtg	ccacaagaac	ttnaagatga	agcgtaaccc	tgcgaagctg	aagtggaaca	180
aggccttccg	caaggccgcc	ggcaaggaga	tgacggtcga	ctctactctg	cagttcgccc	240
cccnccgcaa	cgttcccgtc	cgctacgacc	gagagctcat	gggcaagacc	ctnaaggcca	300
tggagcgtgt	ctntganatc	cgccaacgtc	gcgagcgctg	ntntacaaa	aagcgcattg	360
ctggcaagcg	tgagccgtga	ngctcgccac	ccgcccgta	agcttgctgc	ttgagaacga	420
gcatttccgt	ccccgcgtgc	gcgggaancc	aaaaaaaaanc	gtntgcgona	acttgggtnt	480
ggggagaaang	gagganattt	gagganattg	gagccccgac	cgccacaatt	tccaagggtt	540
tttgnggggc	gaanaaaaaa	aaaaantccc	catttgntnt			580

<210> 521

<211> 590

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

```
<400> 521
ggcancgaga catggatcta ccagatgagc aacaactcgg gtatctcatg ggacagtgac      60
aaagatcttt acaaagagac cgagtatagc tacgatgaaa ttgtgccgcc tcccaactgg      120
caaaagcgct accccgatgg atacacaaaa gatactcctc ctctaacct caaagaatgg      180
gaagctttcc aggtctggat gcgtacagcg ggtcttccca ctttagcaa gctttaccag      240
cgtaacaaca ccaggtctat gtggccagga acctatgac ttatcatcga tgaccatttc      300
ccgactcgag agtacaaggg ttccaagtca tcattatctc taccggaacc gntattggag      360
gacgcaaccc ctctctggga tgcgttatgt tgcgtcgggn ggggttgcac tctctcggga      420
ctgncttcac agtcactcat cttatccgac canaaaaatg ggtgatcaca cttatctntt      480
gtggaacaac gccctggcgc caagtctggt cccagtaccn ggtgcgcttt cggncgcgaa      540
cttccgtect tggnganggc taantcaant ttgngacgaa tgctcgcgct      590
```

<210> 522
<211> 563
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(563)
<223> n = A,T,C or G

```
<400> 522
ggcacaccaa attcgatctt ggcatcatac aataggaact tcaactggccg tcttgatgga      60
aatcctgcta cccatacatt cctctcttca cgggacatgg ttatggccaa gattttctct      120
gacgatcttg gtttcaaccc tctgaaagat gctcttgta ctgaaatctg gcgaagaaat      180
tccgcttcaa acctcctagc ggcaacgcac tcccgtcaga nnggtatgaa aacacagatc      240
acgtttacga tgcggcttcc acagaccctc aggtccgaca ggccgtcact gtgcaaatat      300
cgccagactc ccaacgttta caacggttag cgccattcaa gccttggtct ggacaggatt      360
catcnaatgt ctatcttata aagactatgg gtaaatgcac aacagaccat atactacagc      420
tggccatgga tgcnattccg tggatcatctc aaaactttcc acaatacctt atcggggctg      480
tgacgcngat aaccagaagt cacaaggtac ttaaccaatt cncggatctt tnggggtttc      540
cngaaccgcc aggattacaa aac                                     563
```

<210> 523
<211> 595
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(595)
<223> n = A,T,C or G

```
<400> 523
cttcaacttc atgggtcccg tcatccacga agcctccttc aagaagcttt ctggtgccat      60
tqatgaggcc aggagcgaca aggacctcga gcttqtcqtt ggtggcaagt acgactcttc      120
caagggtctac tacgtccacc ctaccatcta cggccactacc aaccctaacc acaagttctt      180
ctctaccgag ttcttttggtc ctatcctcac cactacatc tacgatgacg ccgccccctaa      240
cgccatggcc gatgtctgca agctcattga gaccacctct gactacggtc tgactgggtgc      300
tgtctttgct gctgaccgtg aggtctcccg cttecgctgan gancatctcc gcnacgcgcg      360
tggttaacttc tacgtcaact gcaanaacac tggtgcggtt gtcggccanc aacctttggg      420
```

tggntctcgt	gcctccggca	ccaacaaaa	agntgggtg	nagaactcct	aacccggttc	480
gtcaatgttc	gagccatcaa	ngaagaatc	gttcctacca	ccaaggtcnc	ttaccccnge	540
caagaaggtc	ttaanttcg	nacacacnt	tccccaattg	gaaaggaaaa	aatgg	595

<210> 524
 <211> 773
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 524						
ctctcaacaa	acaaataactt	caccacaqaa	actatacaac	gtccaaacatg	gcctctgcta	60
ctagctttta	cgacttttaag	ccgcttgaca	agcgtggcca	agaggttccc	ctcgccgaact	120
acaagggcaa	ggtcgtcctc	atcgtaata	ctgcctntaa	gtgcggttc	acccctcagt	180
atgccggcct	tganaagctc	tggaccgacc	tgaagggcaa	gtaccctgac	gactttgtca	240
tcctcggtt	ccccgtcaac	cagttcggtg	gccaggagcc	cggcaccgac	gatgacattc	300
aggagttctg	ccagctcaac	tacggcgtga	gcttcccat	catgcaaaaa	accgaggtca	360
acggtgacgg	caccaacccc	cttttgggtt	tggctcaagg	accaacaaag	ccggtcttct	420
cggcctcaag	cgcatacaagt	ggaactttga	aaagttcctc	gtcggccgtg	atggcaaggt	480
caagggtcga	tggccagcac	taccaagcct	gagagccttg	anaagcccat	tctcgaggcc	540
cttgctgaaa	agcctgcggc	ttaagatcat	gatgaatgac	gaaacaagga	aaaggcnccc	600
acgtcaatcc	ccatcaatct	aaaacgaaat	accagtnng	gggggaacat	aggtgcagtg	660
tttaatgaga	ggcttccaga	atcatggaaa	acagctagat	aaaataatac	aatgatcggg	720
catagcctgg	tcaatatttg	atggcattca	tattctactc	ggaaaaaaaa	aan	773

<210> 525
 <211> 601
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

<400> 525						
caacatgcag	ctgaccaacc	tcttctgtct	cgccagtgtc	ctgacatccg	tgtcagcagt	60
gaccgtatcc	tacgatccag	gctatggaga	agctggctgt	gccatgacat	ccgtcgcttg	120
ctccgacggt	tcaaacgggc	tcatacacag	ctacaagtgg	cagactcaag	gccagattcc	180
caagttcccc	tacatcggtg	gcgcgcaggc	catcgctgga	tggaaactcca	agagctgtgg	240
tacatgctgg	aagcttacct	acaagggcaa	gagcatcaat	gtcttggcca	ttgaccatac	300
ggatgctggc	ttcaacattt	ctcctgcggc	gatgaatgct	cttaccaaca	accaggctgt	360
taagcttggc	cgggttgatg	cgactgctac	tcaggtagct	gttaccaact	gtggtttgaa	420
gaantagatg	tttgggagaa	ggtcgggtcat	tgaatcggat	gaagcttcag	gaataacgag	480
atgggatgag	atatgattca	ggattttaat	gttttagtagt	attcgttaat	tcttactact	540
ggtatgttct	ttcaaaaaaa	aaaaaatact	tatttataat	atttggtcgc	cgnggcaaga	600
a						601

<210> 526
 <211> 938
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(938)

<223> n = A,T,C or G

<400> 526

aagggttgc	at	tttgccttg	ttacataaac	cgacattctt	tttaaaca	aaatagctac	60
tacataattcc	aa	gacaagaa	acccgccaca	gtcaacatca	tgtccagaga	tcgccgtata	120
ttgaaagagc	tt	aaggatat	tgaacttgat	catgacaact	cgggtgtaaa	tgcgactctt	180
gcttccgacg	gg	gtcatgac	acgcctcaaa	gggacatttc	ctgctcctcc	agacacgcct	240
tactctgggg	gt	acctacac	ggtcgacatt	cagatccctg	atcaatatcc	attcaaggca	300
ccaaagatga	cg	tttgacac	aaagatttgg	caccccaatg	tcagcagtca	gacgggcgct	360
atctgtctcg	ac	acactcag	ctccaactgg	tctcccgtcc	agaccatcaa	aaccgctctt	420
ctcttctctc	ga	atgcttct	cgaatgtcca	aacccaaaag	atccccaaga	cgcagagggt	480
gcaaagatga	tg	atcgaaaag	tcttgaacgg	tctgctgtca	agggccacga	ctgggcagtt	540
caatacgttt	gg	agcttcac	gaaaagaagt	cgatcttcag	tcaatacaaa	caagaaagcg	600
cttcttgaga	act	cccaaag	ctgatcccg	cgggtatatg	ggatacaata	aggacctcgt	660
tgagaagttc	gt	cagcatgg	gctttgctct	cgacagtgtc	gttgaagcct	tcattgctat	720
ccgcattuan	cgt	aacgggg	ggacgggact	acgtatttga	agaagcatac	atggggcgac	780
attgtcgcca	gac	ctctctgg	cganccaatg	ttctatctca	cgttaagctc	aaagaagaag	840
aacatcgttt	ct	gataaata	actttcagca	tggtatgggg	aattagantg	cgttcccga	900
ttgtttccnt	tc	ctttaatt	cctttatccg	ttccacat			938

<210> 527

<211> 480

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(480)

<223> n = A,T,C or G

<400> 527

gcagttttctt	cg	agcccaag	aacaagaaga	aggtctgcgc	catggaagcc	cctcccccta	60
ctctaaaggc	tt	caggtaact	ctatcagagc	gcgagaacat	cgaagtcgag	gtcatcaagc	120
tgctcatttc	tt	cttactac	aacattgtca	agcgtaccat	gattgacatg	gttcccaagg	180
ccgtcatgct	ga	accttgtg	caatttacca	aggacgagat	gcaacgagag	ctgctggaga	240
atatgtaccg	aa	cgcacaca	ttagacgatc	ttctcaagga	gagtgatttc	accatccgaa	300
gaagaaagga	gt	gccagcag	atggttgagt	ctcttttcaa	ggctagttag	attgcagcca	360
agtacagtga	tg	tgtgttcat	gaacaangct	tcttatnatic	acgtccaatt	ngcgtcagag	420
tcaggntttg	gn	ccatctgc	agcctctttt	ttcccgcgac	caccgcttaa	aggatcactg	480

<210> 528

<211> 511

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(511)

<223> n = A,T,C or G

<400> 528

ccggaataaaa	ct	catctcgt	ccgtcttctt	ctacgaacta	ccactccggg	ctcacgaagc	60
accaatttgag	ct	ccctccct	cctcgccctc	ccgacgacca	aaattagaat	atatacggcc	120
ggcatgtctg	gc	acatccgg	caccaacctg	ctgggcaaga	gcttctgtgg	cagcaactcc	180
ggcttggtct	cg	cgagctgc	ctcgactcac	gccatctcca	acccatccct	cgccaacatc	240
ggaagcgat	gg	gagggrat	gcccctcag	gagtagggcg	agctctggat	ggctctgggt	300
gaacgcattgc	agt	cccaactg	gaccgagatg	acccctccagg	agaagaaagc	tgcttactgg	360
attgccttcg	gg	ccctcacgg	tccccggcgt	gaggaccccc	ctggaaccaa	cggccgcgtc	420
ggttgggggtg	tt	ctcattgg	tattgtctgc	agtgtcgggtc	tcttcgggct	ggctccgctt	480
gtcgctaagc	ct	gtccttta	cacctgact	caggagtacc	aggaaggaga	ccaacgagtt	540

ctcaagaacc aaaaatccga tcccttcact ggtatnacct ctgctgggta cgcctggcaa 600
gggtatgggc c 611

<210> 529
<211> 609
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 529
cctaaaaactt catcgattat caacaccaca gattagccat catggatgag attgcccccg 60
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gtgtcaagggt caagaagggt ctacacatcg accgaaacga ccactatggc ggagaggcgg 180
cttcctgtgaa ccttgagact ctcttcaaga agtacggaaa cttcctgtgag ggcgaggagc 240
cctggaagca atatggccgc tcaacgactg gaacatcgac ctggttctta agttccttat 300
gtcctcgggc gagttgacca atattctcgt ctctaccgat gttacacgat acctcgagtt 360
caagcaagtc gccggcagtt acgtccagca gggtnccctc acaaggccac cgtcgccaag 420
gtccctnttg atgctgtgag gccctgcgat ccccttatg ggactnttcn aaagcgacgc 480
atgaagtcct tcttcgagng gttgggagtt ccaccaang atccccacaca cacanggcct 540
tgantgacaa ctgccaatga aggacgttnt naaattcggc tcnaanaaca aaaggatttt 600
ngccccct 609

<210> 530
<211> 484
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 530
gcgtcgacag ccccaaatca tggaacaagt tcgagaagca aacccttaca cccaagacct 60
ggggagaccg cgatattgac gtcgagatcg aatgctgcgg tgtctgcggg tctgatgttc 120
acaccgtcac tggcggtctg ggagactttg agggctctct ctgcgttggg cacnaagtcg 180
ttggcaaggc tgcctcgagtc ggcgacaagg ttacgcagat caagggtggc gaccgtgttg 240
gtgttgggtg tcaangttct tcttgctca agtgcaagct ctgcaataac aagaacgaaa 300
actactgcc tgatatggc gacacttata actgcaata cccgatggta gtgttgctca 360
tggcggttgc gcttctcata tccgtgctca tgagtacttt acctttaaga tctgatgct 420
ctcaagaatg aagaagtcgc tctcttctc tgcgcgggta tcaccactta ctctctctt 480
gtga 484

<210> 531
<211> 484
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 531
cttctgattt ccttcgnggg catgttcggt ctggagagct tcnactttac acgcactgtg 60
gcgggtatga ttgngtgat ttgatccac cgtttctgat gtcaagttga ttgtttcgac 120

atgtctcact	cgcgnaattc	aagggcgatg	cttctgnaca	ttgccttctg	gagcgganag	180
tggtactcga	tgggatggca	cncantctct	cagcctgctc	gtgagttcct	ttgccagatt	240
actgagctgt	ccatgtttct	tgcgatttct	gttntgggccc	actggctgct	cttttttatg	300
gcgcgcgtcat	cttgatcccc	naggttgana	tgtttcactc	cntgatgttg	tnntggctcc	360
gtcccagtcg	acaaattgaa	ctcctatcta	ctcgatgaaa	catctaactt	agacaaaaac	420
tttgatccgt	tatnccance	gctgttttac	cccccggtcg	tgttcattgc	tcncttgctg	480
gact						484

<210> 532

<211> 892

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (692)

<223> n = A,T,C or G

<400> 532

gateggntca	gtcnaaacca	agaaattgta	cctcaccag	ccacaaaccc	ncaaagctcg	60
accgccacac	ctttcagaat	tcaggggcta	ttcagtgcaa	tctggctctc	cgccatcgt	120
aggcttaagt	cattcccttt	atgccccatg	ctccatcgcc	aagcttccaa	agtgtctcct	180
aaagttagag	agtggcttcg	acgcgaataa	cgacgaagat	aatccatcaa	cgcatcccc	240
aattttctac	gctcattttc	cctttgcggg	ttcttccttg	atctacctat	tctcaggtea	300
ttttctctat	tctttatgct	ttcttcttca	aatcgatacc	cctccaatcc	cacccatcat	360
ggcaccacaag	ggaaacaagt	actcggttat	cttgccgaca	tacaacgagc	gcaagaacct	420
ccccatcatt	acctggtttg	ttgaaccgca	ccttcactga	gaagtncgna	acanatcgat	480
agtaataatt	ggatttttga	aaactaacta	gatcaagcaa	cctcgattgg	gaactcatca	540
tgggagacga	cggatccccc	gatggaabcc	aagaagtcgc	ccaagcagct	cgtcaaggte	600
tactcttccc	cacgtccttc	tctaagcccc	gcgctgggta	aacttcggtc	tcggaacggc	660
ctacgttcac	ggtctcaagt	ttgtcactgg	caactttgtc	atcatcatgg	acgcgcactt	720
ctcccaccac	cccaagttca	tcccgcgat	ggtngctctc	caggagaagg	gcaactacga	780
tatcgtcacc	ggtactcgct	atgctggaga	tggaggcggt	ttggctggga	tctcaagcga	840
aagtttgtna	gcgctggcgc	cnacttgctc	ggnccactcg	nctgcgggct	gg	892

<210> 533

<211> 657

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (657)

<223> n = A,T,C or G

<400> 533

tttttttttt	tttgagggtg	ggtgtttttt	atgtgtgcaa	tctcaaaaata	gatgagatgg	60
tactatggta	tgaaggagtc	gtgtggcgct	ataactcggt	cttcattatg	tcaactccgt	120
ctagatagaa	gctcgcagga	ccttgaaagc	atcctcacgg	gagccggtga	aacgagcctc	180
ggtcgtcttc	cagttgatga	cattcnaaat	gttatcaaca	taagcagcct	ttccattgag	240
gtactgcaga	tagtaggcac	gtcccccacat	atcgacaccc	aaaatgggca	cttctcctcc	300
caagacaggg	tcttggtcct	ttgttgtaac	gacacgcaag	ccttgggggt	ccttgaccag	360
ccacccccag	cgcgtgcctg	caaacccagc	agagtctctc	ttgaaagtct	cttggaaaagc	420
ctcgatgctg	cccacytctt	ggagatttgc	togaagagtt	cttccacctt	cgcaccactg	480
ggtgaggttg	cgcgcgaccc	aaagcctatg	gcthaantna	aggtaaaatta	acattaccac	540
ggttatcggt	tcttaagacg	antggaatgg	ctacatacac	cgtcgaaaag	atacctgaac	600
cggaaacgag	caggactttt	cactacggga	aagctgcttt	cttggacgaa	tgtctcat	657

<210> 534

<211> 410

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(410)

<223> n = A,T,C or G

<400> 534

cctatggaca	ctgncacgga	gcacgagatg	gncatccaca	tggtctctcca	gggtgggtctg	60
ggtgntatcc	accacaactg	ctcccccgag	gtccangccg	acatgggtccg	canggtcaag	120
cgatacgaga	acggttttnat	taacgacctt	atcgtcnttg	acaaaaacac	cactgttgggt	180
gaggccaagg	ctctgaagga	naagtgggggt	ttcggcggtt	tcccagtcac	tgaggatggc	240
aagcttggat	ccaaanttgt	tggtattggt	accaaccgat	accttcagtt	cgaggaggac	300
cttnaccacc	ccntctataa	tgncatgggt	aaggaccttg	ttantgctcc	tgagaccgnc	360
ttctctctag	agggcaaaaa	gatnctttcc	aagtncaaga	agggcaaggt		420

<210> 535

<211> 621

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 535

gcccggcaag	gttaacccca	ctcagtggtga	ggccttgacc	atgggtttgcg	cccaggttat	60
gggtaacct	gttgccacca	ctatcggagg	catgaacggc	cagtttgagc	tcaacgttta	120
caagccnta	gtnattcgca	acctactcca	cagctcccgt	cttctaactg	acggcatgcg	180
ctctttcgag	aanaacctgg	ttgccggcct	caatgctaac	gaggagaana	ttgccagcat	240
catgaaggag	tactcatgc	ttgcacctgc	ttgaacccca	agatcnggat	atgacatggc	300
cagcaagggt	gccaagaaac	gttcacaaga	aagggcctta	ccctcaagga	gtagtgcctt	360
cgagcttaac	gcgcttactg	aaggagggaat	tctatactct	tgtaagcct	gaagctgatg	420
gtcgggtcca	gccccataca	gggttagata	ctcgccctgac	cttatgtatg	atcgtggccc	480
atgtttttta	aagaaacaaa	agcgctgcta	gttcccattg	tacctatgaa	aacgatgttg	540
atactggtgt	tcgaaaatcc	aaggggcact	atttaaacga	tacagataaa	aataaaaaaca	600
tcataattca	cgcgtgaaaa	a				621

<210> 536

<211> 797

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 536

cggtcactg	ccatctttga	ctcgtgtcac	tccggtaccg	ccctcgattt	gcctacatc	60
tactcgacac	aaggatatct	caaggagccc	aacctggcca	aggagctgggt	caaggcttgc	120
tcagcgtcat	ctcctcatat	agccaaggcg	atctcgggtg	tggtgccagc	aacatcttcg	180
gcttcataaa	gaagatgcca	acggtgacga	ggctcgcqag	cgtaccatga	ggacaaaagc	240
ctctcctgct	gatgttatta	tgtggtccgg	cagtaaaagc	nacccaaact	ctgcgcgatg	300
tactatcgcc	tcccaggcta	ctggcgccat	gtcctgggca	tttgtcactg	cgtcgaagaa	360
aagtcctcag	caaaagttac	tccagttggt	aaacagtatt	cgtgacgaac	ttgcgaacgc	420
ctatactcag	aagcctcagc	tatcatgtta	gtcaccctct	cgacacaaat	cttttggttcg	480
tcattgtta	gttttatgcc	cactctcqa	attttcatgt	gccgaatcta	cataaaagtc	540

aaccaagccc	gtatcaaaga	ttaggaaaca	atgggagagc	taggttggct	gtgcgagtgt	600
tgtttgacga	caatgggagg	accacacata	gtatgacttg	atgttaacat	gatgggaggt	660
tgtttgcaag	gtttangtgt	tgggttagtc	tttaaggacn	gnctcaagat	actcaaacgt	720
ctttcttttt	acttctcatg	cagtgtgggg	gagaacattt	gaagntcaaa	tcaaaatgct	780
cataatttga	tgcttat					797

<210> 537
 <211> 583
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

<400> 537						
gcctcttttc	tacgaccacc	gacatcccn	ccacaagcga	tacctcaagc	gattccacca	60
ttgttttgcg	atatcttggt	atctttttgg	ggatcagtg	tacatatcag	cttcgacatc	120
tcgaattggg	gaatcatagg	tcttacaaaa	tgcttgggct	tcgacttctc	caactacaac	180
cgcaatgcgg	ctctccacgc	tcgaggtgtg	cctctcccca	aggccaccag	caccggaaca	240
actatcgttg	ggatgcatat	tcgatgggtg	tggtgtgatt	gccgccnata	ctcgaaccac	300
atccgggtcca	tcgtcgccga	caagaatgtg	agaagcttca	ctacatttcc	ccccanatt	360
ggtgcgctgg	tgccggtaca	gccgccnata	ctgagttcac	caccgcccct	atctctctct	420
agctcgagct	gcactcccta	tcacacaggcc	gcaagccccg	cgctcgtccct	gcatgacctt	480
ctgaacacat	cttttccgct	accaagggtca	cattgggtgct	taccttgctg	tttctggtgt	540
caacctaccg	gcactcacct	gttcaactgtc	catgctcacg	gtg		583

<210> 538
 <211> 540
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(540)
 <223> n = A,T,C or G

<400> 538						
atgctatctc	tttctctctc	cacaagggtc	acacccctaa	ccagccccct	ttcatgctca	60
accgggacca	gatggccaag	accgcccagc	tctctcagtt	cgacgangan	ctgtaccgtg	120
tctctgaagg	ccctacaccc	tcgaggtctg	accgatacct	gatcgccacc	agcgagcagc	180
ccctttccgc	cctccacgcc	gaanantgga	ttcagcctgc	cgagcttccc	atcaagtact	240
gtgggttacg	cacttgcttc	cgaaaaggang	ctggtagcca	cngccgtgat	gcttgggggtg	300
tgttccgtgt	tcaccagttc	gagaaaagtcg	ancagttcgt	tctttgtggt	cccgatgaca	360
gctgggaaca	gtttgacaga	tgatggccaa	ctctgaagat	tctacaagtc	tcttggtctc	420
ccctaccagtt	gttggcatcn	taactgggcc	ctgaanaacc	tgctgccnaa	aattanattt	480
ggaacatggt	ncccccccaa	aaganttaaa	ggactgtttc	tgctccactg	cccgactacc	540

<210> 539
 <211> 631
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 539

cgacaagggtc	attcctcttta	caaagctcaa	ggtcttttacc	gagcacaagt	ctgacatccg	60
acgtaaggggt	gttgccagca	ctataaagaa	cgctgctttc	gaggtcaagt	cccatccgtc	120
tttcttgggt	gacgatgcga	ttgatatact	tccctacatc	ctcctcccta	tcattgggtaa	180
cgaggagtac	gatgttgatg	aaactatgga	catgctgcct	gatctccaac	tcctaccacc	240
cgacaagaag	cgagactcag	acaaccagaa	catacagaca	catgtggaga	cgattaccct	300
gttaacgacg	acacgcgagg	gacgtgagct	tatgcgcctg	gtcaagggtt	accctgtcat	360
tcgagagaca	catcagcgag	tcaatgatga	aggcgtccaa	naagcatgcc	aacggttggt	420
gcaggtactg	gcacaagata	aggaangcaa	ggaagaagat	gatgtcaaag	aggcaaacng	480
agtcaaaaagc	tatcgaggat	aagcctgaca	ctggcaatgg	ccaagtggga	aaaagtccaa	540
atgaagatga	tcaactttgt	tgaggggttna	acccattttt	ttaaagaagg	tggatgctat	600
gggggttttt	atgnaacgga	ttttggcaaa	g			631

<210> 540

<211> 369

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(369)

<223> n = A,T,C or G

<400> 540

gccatctgcc	ttctcatccc	cgtgtttgtg	ctcatcccca	ttgggtgttg	tcaggccatc	60
accaacattc	agctcgggtc	caacgttttg	acagagttta	tcattgggta	catgggtcct	120
ggcccgncca	tggtatgat	gaatgttcaa	gaactacggn	ttcatntgga	tnngggcaagc	180
acnttttant	tgcccagaag	cctnaagctc	ggtcattaca	tgaaggggcc	tcctcgggtt	240
atgttttntt	cgcagctcgt	cgcgtntatt	tggtcggcta	ttgnacagat	ttgtgtgatg	300
aactgggctc	ttggtcatat	ccccgacgtt	tgtgccattg	accaacccaa	caactacacc	360
tgcccagga						369

<210> 541

<211> 251

<212> DNA

<213> *Fusarium venenatum*

<400> 541

caaggagttc	ccccactgtt	ggaagccttt	cggcaacggt	aagagagctt	gtatcggaag	60
accttttcgc	tggcaagaaa	gtctcctcgc	aatggccctc	ttgttccaaa	acttcaactt	120
tacacagacc	gatactaact	acgaattgca	aattaagcaa	aacctcacca	tcaagcctga	180
caactttctc	ttcaactgta	ctctgcgaca	tggcatgacc	cccacggcct	tgaggggtcaa	240
ctggctggaa	a					251

<210> 542

<211> 545

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(545)

<223> n = A,T,C or G

<400> 542

gttaacgggtc	gatttgggga	ttctgcgctt	taacatctcc	ttcgacaaca	agtaacgacaa	60
ctctctctag	gcggtcaggy	aggccactaa	cgctgggtatt	gcagaggccg	gtatttgagc	120
ccgcgtttggc	gagattggag	gtgttatcca	ggagaccatg	gagagtttcg	aggttgagat	180
cgacgggaacc	acctaccctc	tcaagagtat	ccgcaacctc	acgggtccaa	acattctgcc	240
ctacagcatc	cacgggnacc	aaggccgtac	ccattgtaaa	gagttaacga	ccagaccaag	300
atggaagagg	gcgacgtctt	cgcatttgag	aaanttttgc	agtaccggaa	cggatacgtc	360

cgggacgata	tggagacgtc	gcactacgcg	aaacgaggag	actctcgcac	gttgcctcgn	420
gcttgagctt	tgccaagtcg	gttttnaacg	ggattaanaa	gaantttgga	ccctgctttt	480
ntggcganac	ctggaccgat	tggtaggana	agnccgtgtg	gaatnanaaa	ctggtnaang	540
ctggg						545

<210> 543

<211> 560

<212> DNA

<213> *Fusarium venenatum*

<400> 543

cttgccagtt	gcggaattgt	ctgcacctgt	actgtacata	aacaacatcc	tactcgcccc	60
cctgctccta	cgatagcate	tctctctctg	tggtctcttg	ttttatcatc	atctcttgat	120
ttcccaagta	accatcgcca	tcaacatcac	acaatggagt	acaatatgga	agacagccag	180
aaccttgctc	cccaggetgc	caagctcaac	tctggttcca	agggtcctga	ttctcagagc	240
atcaccaga	gactccagac	cgagttgatg	cagctcatga	cctcgccccc	ccctgggtgt	300
tctgcctttc	ccctctgcaga	cggaacacct	ctatcatgga	ctgcccacta	cgaggggccct	360
gaagacaccc	cttactcttg	tctgaccttc	aagctcagct	tcgctttccc	ctccaactat	420
cccttatggg	cacccacggg	gctcttcaag	acacccatct	accacccata	tgctcgacttc	480
tccggccgta	tctgcttgga	catcttcaag	gacaagtgga	ctgccgctta	caacatccag	540
actggttctc	ctcagttctg					560

<210> 544

<211> 549

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(549)

<223> n = A,T,C or G

<400> 544

catcatcgaa	tcactctact	ttgacgggtg	tgatgagttg	cccaatggta	tctctgctac	60
cgtcaagcgt	ggcgatactc	aactcgntat	tnggcgtatc	anggggtgtt	actacgctac	120
tcaacaaatg	tgccctcaca	agcgtgcatt	cattctatct	gacggctctc	tcggccagga	180
gctnataag	gcggancaaa	acggcgacaa	ggctgctact	tcacctggg	tctcatgtcc	240
tcaccacaag	cgcaatttct	atctcggaaa	cggtgcttgc	aaaacggatg	agtcctatgc	300
aatcgccacg	ttccccaccg	agtctcgttc	cgacgggatg	ctgtatctca	agcttcccc	360
tgttgacgag	ctcnacagcg	ccttgggcac	taanaagtgg	atgattaaaa	aggggtgagc	420
tggatgaaga	ccgntggcca	agctcgatag	caagancaag	tttgggggta	ttcgggggaa	480
naaccatag	tcaagcctac	tggtcanccc	aagatgacta	ccaancccca	tggtatctcat	540
gatggcttt						549

<210> 545

<211> 587

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(587)

<223> n = A,T,C or G

<400> 545

atcataacct	acaccccgac	ctccacttta	caaaacatca	ccacgagcct	cttttttactc	60
ccattggccc	tgctgccaac	ctttgaatct	aacgctcttg	atcgcccata	tatataaacac	120
ttcataaatt	aagctcacct	ctgcaacgtt	gccactatgg	cgcccgatca	ggacaactcc	180
agctcgate	ggacgcccag	ctcgcaattc	caccgaccaa	ttctacaatc	catgcccagac	240
acgcgcccag	agagctttga	cgaaatctac	ggacctcctg	agaacttcc	agagattgag	300

gtccgcaacc	caagaacgca	cggcattgggc	cgccacatgt	atacagatta	tgaaattctc	360
tgccgcacaa	acataccggc	gttcaagctt	gcgccaganc	agcgtccgtc	gtcgttactc	420
tgacttttag	tacttccgcg	acatcctcga	gcgcgaaaagc	gcccgaataa	ccattccacc	480
cctgcctggc	aagggtcttca	ccaaccgctt	tagcgacgan	gtcactnaag	gtcgtcccg	540
tggccttgaa	aattcctcaa	gategttgtt	ggcatcccc	tgttgca		587

<210> 546
 <211> 841
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(841)
 <223> n = A,T,C or G

<400> 546						
cgatctgact	gtatatgtca	caaattaccc	ccctgctgcg	gatcaaaact	atatccgtga	60
tctcttcagg	gattgcgggtg	agatcctcag	catacgtctg	ccgagctctga	aggtcaacgc	120
ccaccgacgg	ttctgttaag	tttcgttccg	agaccaagaa	acatcagcaa	agctgtggac	180
tgggtggtac	gtctcttgaa	aagagcttca	aactcgttgc	caagtattcc	gaccaggac	240
acaaaaaagc	tccagagggc	gtctcttgcg	aagggtcag	aaattcacat	tagcaatctn	300
ggatcgatcg	acaagcgaga	cagagctgaa	agatgttttt	tccaagtatg	gcaatatcac	360
acnggggtcaa	catccctaca	actctgggct	ggaaaaaaca	aggggtttgc	cttcattgac	420
tttgcaacta	cagaagangc	tgcgaaagct	gtgacggaaa	tgaacaatac	caaagtttag	480
aagccaaatt	ctcgcagtcg	ctctctctaa	agaagtccag	gatcaagcca	gcagccaaga	540
ctatttggtac	tgataatgac	agaggttcac	cagcaccttc	gtctcatgaa	tgctgatggc	600
gaccaagcta	tgcaaggtgt	tgaggttcag	gpcaaaacca	ctgcagcgga	aatntcagca	660
aaaaccatcg	ctctgatggg	tctttctgat	actgnnaaac	aagcgcgaat	ccggtcgtct	720
gtcgaacctt	tcnggcgata	gtnaaatgac	ggnaaaccc	ggnatggcgg	accnaaaatc	780
gaatttgncg	acccaacctg	ggaggcaagg	ccagtntaca	actaatagcn	tggagttnga	840
g						841

<210> 547
 <211> 586
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(536)
 <223> n = A,T,C or G

<400> 547						
atcgggtgtct	tgttgacatc	gcaagctcta	tccgggctat	catgggggtgt	catcgaaatt	50
ttagctgcca	catatgcagc	tgaagtctgt	ccaaatgctc	tgcgtccttt	tgttctaagc	120
agcatcaata	tgtgctgggt	tgtaggacag	gtgatcggca	caggcattct	tcgttcgctt	180
gttoatgaaa	cttcacaatg	gtcttatcgc	cttccctttg	cacttcaatg	ggcgtgggag	240
ataggttgtt	tattcggggt	gtggttcgca	cccgacagcc	catgggtggct	tattcgtcat	300
gaaagaaacg	aagaagcaaa	gagggctctc	aaacgaattc	gcaataagaa	ccataccgac	360
atcgaagaca	ccatctcaat	gatgaaacac	accaacaaga	tggaaaagca	ctgtaactat	420
ggaaggagcca	gctataagga	tctcttccaaa	ggagtcacac	gacgcaggac	cganattgca	480
tgtctcgpat	ggngctctca	ggccctcagn	gggtggncgc	ttacatcgna	encaccatat	540
ttnttcaaac	angntggctt	nagcgcattc	atTTTTTTT	accttt		586

<210> 548
 <211> 576
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(576)
 <223> n = A,T,C or G

<400> 548
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 actctcctgc gccgccaggt cctccaccgg gacagtacgg cgccgcctct cctcagcagt 120
 atggcgcacc accagttcag cctactcctc cctcgatggg ctacggacca cctcagatca 180
 ttcaatggaa cggcgaaacc tgacgctgac ggccctgcga aggccatgaa gggttttgga 240
 actgatgaga agcattgatc gccattcttg caaacaagga tcctctgcag attgacacaa 300
 ttgcacaagc atacgagcgc aagcacgcgc gcagcctaatt tgccgatatt cagantgaga 360
 ctagtctcgt gtttgagaaa gctttggtct cactagcccg tggcccgcgc ctgtctgacg 420
 ttcacgctct acacgatgcc atgtctggcc ctggaacaaa ggaaattggt ctnaacgact 480
 tctactcggg cgggtcaaag cggatctcaa ggccattaan aacgcgtact accacacttt 540
 ccatgacaag ctgcaggata tattcaaggg cgattg 576

<210> 549
 <211> 712
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 549
 catgccccac agctggtctc cccccacgaa acagcgctcc aacggagcaa tccttctcgg 60
 tgacgctatg aacatgcgcc acccgcttac gggcggtggt atgactgttg cattcaacga 120
 cgttgctcat ctgtcagagc tgetgcaccc tgataaggct gctgatcttg gcgatcccaa 180
 gctgatcaac aatgctctcg atgagcttta ctggaagcgc aagcctttga ctggcattat 240
 caacgttctg gccaggtctc tctactctct gtctcgtgcc aatgaccgcc aactacgtgc 300
 tctccagtac ggatgcttca cttacttcaa gcgcggtgac actgacggcc ccgtcgtctc 360
 ccttgccggt attctccagc gtcttttcat ccttgccctat cacttcttct ctggtgcctt 420
 ccttgctatc tggctcaaag catgctccgt cgttggtctg ggaatctttg gcattttcaa 480
 gtctccctct gctattatcg acgcgcgtct cattctcttg gaaggcatgc attggcttca 540
 ttcccaatat ggggcgcgag tccttccagt agaaaaatga agtattagaa gggaaagaaa 600
 acgagcatgg tgatttttat ataccgaaag ctgnngcggt acngactttg cttgggactt 660
 taacnaaggt ttaaaagatc catgtctttg gctnttaaga ttnaagagaa gg 712

<210> 550
 <211> 636
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(636)
 <223> n = A,T,C or G

<400> 550
 gaaatatctc aggataagaa tgaaaaagtt gagccggagg atgatgatga tgacnacgat 60
 gaagagttga agagagtact gtctaccatc accggcgccct ctogaattaa gcgaaatggt 120
 caaacggaga caaagaaaqt tcaagcaaaq cctgtatctc caacccaaaaa ctctattcaa 180
 gctctctacg acccaaaacg cactttctct gccctcaatg taagagccatg gctgggttcaa 240
 tcgctaggaa atatggctat caagcgaccg acgggcattc agaagggctg tattcccgan 300
 atcttgaagg ggagagattg cattgggtggc agtanaacag gttcaggtta aacggttgct 360
 ttgcgggtgc ctattctgca gaagtgggtc gaagatccta ctgccatctt tgctgtcgtc 420
 ttgaacgcaa cccganaact ggcacttcag attttcgage agttcaagge tatctctctc 480

cctcaaagtc	tcaaggctat	cttgggtgact	ggagggtcan	acatgcgaac	acaggcaatt	540
gaaattggaa	ggcgaccncc	cctttttaat	cccaacttca	gggnnggttg	naaaacacat	600
ttccactttc	ngagaagaca	caatctgggg	attgag			636

<210> 551
 <211> 579
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

<400> 551						
tatcacgata	ctcaaaccda	catcgatctg	ccgcgtggtt	ggaagtacgg	acnactccgt	60
ctttctggga	agactcttcc	ctgggtatgt	tgcgcgggta	tccagctcgg	aatggctcgt	120
ttcgtctgtt	tcatgtgtcc	cggcattgtc	aacgctctcg	gtggtcttgg	tggaggtggc	180
aaaactgacc	caaccttggc	tgacaacatg	aacaccgcgc	tctacggcac	tttcgctgtg	240
gttggtatct	ttggtggcac	ttttgtcaac	aagctcggta	tcaaagcttg	tctgancttc	300
ggtggcgta	gctatgggtt	gtacgccatc	agtcttcttg	tttctgttca	caagcatggt	360
cctggcttca	acatttttgc	tgggtgttgg	cttgggtctat	gcgctgctct	gctctggacc	420
gcacagggta	ccatcatgat	ctcatatcct	catgaaaaca	aaaagggaaa	gtactcgctt	480
ggttctgggg	tatttcaaca	tgggtgctgt	tattggcagt	tgaatcccta	ggtgaaaaca	540
tcaacatcaa	ggaaaacaan	acgtcacgan	ngaactaca			579

<210> 552
 <211> 1074
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1074)
 <223> n = A,T,C or G

<400> 552						
tttccacctg	atctagttgt	tgattgaate	gccattctca	cccggtttct	tcgtaacaat	60
atattgttcg	gattgttcgt	tgtgtctctt	tctctcaagc	gttgccccgg	ctgacatcct	120
cacacccccc	ggtaatatcc	accggtgtgg	gccacacctt	cctcactttc	ttcccggctc	180
cagaacgttt	ctctcttccc	ttttcccttt	cccactaccg	ccctgtctcg	tgctgagctc	240
cgtatctctt	ttcttttaaac	ctcccacacg	cctctccctc	tttcaaccat	caaccatctc	300
ccctcacaac	tcaatcaca	tggcctcttc	tctgtctctc	gcctctcgcc	tggcctccca	360
gatggccgct	aaggccgctc	gccctgctgt	ccgcgccccc	gtcgtctgtg	ccagcaagcg	420
aaccatctct	ggcgccagcc	ccctccaggg	catgaagcgt	cagactcttc	tccaggccac	480
cacccgcaac	gccttccagg	tccagcgccg	tgcctactcc	tccgagatcg	cccaggccat	540
ggttgagggt	tccaagaact	tgggtatggg	tgcgcgcgcc	atcggtctta	ccggtgctgg	600
tatcgggtat	ggtcttgtct	tgcgcgtctc	tatcaacggg	gttgccccga	acctgtccct	660
ccgtgggtcag	ctctctctct	acgccattct	gggtttcgtc	ttcgtcgagg	ccatcggtct	720
tttctgatct	atggtttgct	catggccaa	ttcacttaag	ttactaccca	atccaatggg	780
tgaactcgtg	cogaatgata	gagtcacaag	caaggaggag	gctgcgcgag	gttgtgcatt	840
atccgctgtc	ttgaaaaatt	cgacatgggt	gcatttgatg	ccggcttgca	cgatagaggg	900
gagggttgtct	tgtaatatag	gggatagaga	actgggatgg	acattgatca	tggacacttg	960
ctatgattag	agttggggaa	attctgcata	attcctccca	gggatcgact	ttgtaaaata	1020
aaaagcctca	ttcattccgc	ttctttccat	gcattaagga	tatttctttt	tttc	1074

<210> 553
 <211> 439
 <212> DNA
 <213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 553
aatgtgattt ctgcccagtg ctctgaatgt caaagtgaag taattcaacc aagcgcgggt      60
aaacggcggg agtaactatg actctcttaa ggtagccaaa tgccctcgta tctaattagt      120
gacgcgcgat aatggattaa cgagattccc actgtcccta tctactatct agcgaaacca      180
cagccaaggg aacgggcttg gcanaatcag cggggaaaaga agacctgtt gagcttgact      240
ctagtttgac attgtgaaaa gacataggag gtgtanaata ggtgggagct tcggcgccgg      300
tgaaatacca ctactcctat tgttttttta cttattcaat gaagcggggc tggatttacg      360
tccaacttct ggtttttaag tccttcgcgg gccgaccggg gttgaanaca ttgtcagcag      420
gggcgctggg ggcggcaca

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<210> 554
<211> 871
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(871)
<223> n = A,T,C or G

<400> 554
ccccatcac gaactatccc acaatggcgt cagcgttggc acgaagcgcc gtcggcgctc      60
ccctcctcgg acccgtcctc gcccgccgag ctgcacctgc cttctcgtt gccgctgcgc      120
gatacaacag caatgttccc gccgaggacc ccaagaagaa ggctcagagc atcatcgacg      180
ctcttccggg taacagcctt ctacgcaaga gcgacctcct cagctccggc gccgctctct      240
ccatctacgg catctccagc gactactacg tcatgaacga ggagaccatc atcgccatct      300
cccttctttc cgtctggact gctctgatca agtacggtgg cctgcctac aaggagtggg      360
ctgaggcgca gaacaacaag atcaagaaca tccttaacag cgcctgtgcc gaccacaccg      420
aggetgtcaa gggccgtatt gaggacgtca agcagatggg tagcgttgtt gagatcacca      480
agaactgttc gaggtttcca aggagactgc caagcttgag tctgaggctt tcgaagctcg      540
agcaaaagac tgcctctggc gctgaggcca aggcgtcctt tgaagtccct gggtccgata      600
cgaggggcag gtttaagcag gccagcagaa ggagcttgct cagtcacatta tcgctaaggt      660
ccagaaggag ctcgagaacc ccaaggtcct tcagcagatc ctccacagag tgttgctgac      720
gtttgaaaan atcgttgccc tccaagccca atanataatt acatgcccggt tagagtctcg      780
atcacgggat tccacggttt ttnttttgta ccccttctgt tcttaacaac acctgtgcac      840
tancogaato aatcaanaac cttntttctt t

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<210> 555
<211> 587
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 555
gccttcttca agtgcattgc ctcttcaat ggghactat ctteqctcac tqcqcacccc      60
tttatctctt cttctcagtc tcttacggaa tttctctgac taactgggta cgcacctccc      120
cgtctcaacc gctcctgctg ccaagtctga tcccgccaag cgtgctatgc tegtctcaa      180
gtggttctct tccactctca aacaccaata cggcagccga aagtgagcag tttgaaaatg      240
aaaagaagcc totgaaaacc tttctctngg caaacctttc ctcggcacct ggtcogaata      300
aagctgggga gacacacctt gtctcagagc aggtcagcca ccatcctcct qccacggcat      360

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actgcattcg	caacaacaaa	actggtgttg	aactcgaagg	gttataacgc	ccagaaagcc	420
acctttccaaa	agcaccatca	tcgttaagca	aattggccat	gccgtcctac	gaatccctct	480
tgccctcnggg	tgagatcaaa	tcctaactga	tcacccttcc	tgggcctgca	cattgaaggg	540
tctgattttc	ggtgctccct	ttgttgaact	tgatggctcg	aatcaca		587

<210> 556
 <211> 572
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(572)
 <223> n = A,T,C or G

tgtaacgggac	ngaocggtatt	cattttcttaa	ccatcatatga	ttccttctct	ctaccctggg	60
ccgttttaagc	ctggtaagta	gagcgcnaga	cgttacctcc	acgaccagtc	cagttgaagg	120
aattttgctcc	caagttcgac	agcgcgctg	aggcggcacg	caacatcacc	ctcaagacct	180
tcgccgagga	cgcgagtgc	agcgtgcaag	ccaccatgta	caagatgtca	ggccaaatcc	240
tcgaatctgt	gcccagagtc	gcgacggtca	cttatttact	acctaacaag	cattactttg	300
agattgacct	tagctggcat	aagggaatca	agaacacagg	gaaggacgcc	gaagtctatg	360
ctcctcagtc	cagccctaac	ggccttatca	agtgcgaagt	ctctcgagac	aatctgcaat	420
cgaagcttta	ggttggaacg	aaaaagattg	tgtgtttctt	aacgatagag	gtcaagatgc	480
gaaacatgat	gcacccatga	agaggattga	taccaagcga	ctggcttaga	ttctataata	540
gatatgagat	aatcaattgc	gtnttttttga	cc			572

<210> 557
 <211> 762
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

cctgaagcgc	atcataagga	cgtgcgaggt	cgaacatcca	agacaaaagtt	gategccatg	60
cccgcgcgagt	atccccctct	ggaccaacac	tgcttcgaa	caactgtttca	ccgaccttac	120
ttccacgtcc	agatggtttc	cgacgtcgct	ggtgtatctc	tgagcgggtgc	gttgaagaac	180
ggtgttgctc	tggcagctgg	tttcgtcgat	ggtcgaggtt	ggggtgacaa	cgccaaggca	240
gacattatgc	gagtcggact	catggagatg	gtcaagtttg	gcaaggagtt	tttcgggagag	300
actgtgcaca	ctgctacctt	tacagagtca	tcttctgggtg	tcgccgatct	tgatcacatt	360
tttgcctctg	gaggccgtaa	ctttcgatgt	gccaaagatgg	ctgtccagaa	gggcacacgc	420
gtccaagaag	tcgagaaaca	ggagctgaac	ggtcaaaaaga	tccagggtac	cactcctgct	480
gaagagggtga	acagtttctt	caaggctcga	ggtcttgagt	cggagtttct	ttgttacagc	540
cgtaaacgcc	atttttaacg	gcgaggctca	ggtggatgat	attcctactc	ttattcagga	600
ttcttgatta	cactttacta	gccgntagg	aattggatca	tgggactgga	gtggcggttn	660
tnaattgggt	ntacaggcca	acacattgga	ngatqacaa	ccqnttctgt	aaqnttctgt	720
tgggagatna	aaaagggncc	cttccaaatt	aaaagggaatn	ta		762

<210> 558
 <211> 797
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(797)

<223> n = A,T,C or G

<400> 558

aatatcttag	tctcatacca	agacatatca	catacactta	taccacatcc	tcccacttat	60
acacatacat	tttcatatatt	catcatggcc	aagacagctg	ttcacttttg	cgccggcaat	120
atcggcctg	gctttgtcgc	ctgcttcttc	cacaactctg	gttacgacgt	catcttcgcc	180
gatgtcaacg	acaccatcgt	caacctcctc	aacgaaactc	cctcctacaa	ggtcacgcag	240
gtcggtctg	aaggaaccac	agagaacaca	atcacaaaact	acaaggccat	caactcccg	300
acacacgagc	aggatcttat	cgaggccatc	cgcacagctg	acattgcact	tgctccgtcg	360
gcccacatc	ctcaagttca	tcgtccccc	atcgccaang	gtatcgacgc	ccgcttaaca	420
gacagcgctc	ctntacatgt	catcgctgcg	agaacgcctc	ggggctcaga	tactctgntg	480
agcacatnaa	ggacctngc	aacactgacc	ctntcgtntt	gaggccacca	ctggagagct	540
cgctttgcc	actntgntat	tgacaggaat	cgttccgcc	ggacccaacg	ctggacttga	600
tgtacactgg	ganaagtttt	tcgagnggg	gtganccgg	ttcctttcaa	gangctgggn	660
tcctganatc	canggnatta	atngggtggc	aaccttggtc	ctttattgag	gccaagtttt	720
taacdnnaaa	aattgggac	ccnttggcg	gttaccggg	gttnaaccg	naaagnggt	780
ccggtttcaa	gaccttt					797

<210> 559

<211> 625

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 559

cgccataatg	acttttgacg	ccgagaagat	cggcgctgcc	gacttnaaga	gccttggtcc	60
cctcggttgc	gagctcgaca	agcaccctac	cctccgaact	tacctcaacg	gctacactct	120
gggagaggaa	gatgggaaga	tctggactgc	tcttcnaacc	aacaaggctg	ccattggcct	180
tgttcgaang	gggtgcctaca	ccaatatcac	tcgatggttc	aacctgatcg	agcaggcaca	240
ccctgagttc	aacgagaagc	tcaatgctgg	aaagganaag	aagtctggag	gcgccaatta	300
caacattggt	ctctccaaca	ccgagaatgg	tgttgtcacc	cgattccctc	ctgagcctag	360
tggttacctt	cacattggtc	acgccaaggc	cgctctcctt	aacgattact	tcgcaaagac	420
ctcccccgac	ggaaaocggaa	agctnatcgt	ttcnattcga	cgacacaaac	cccgccaaang	480
anaaacanga	gttcgaggat	gctntcctna	aagatctcga	gctgntggac	atcaagtacc	540
acaagggcnc	ccactccagt	gactnctttc	anganaatta	cgatctcccg	anaanattat	600
ccaagacggn	aacccccctcc	cccga				625

<210> 560

<211> 443

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(443)

<223> n = A,T,C or G

<400> 560

agccttgct	gctatgacca	gcctcaagag	cctgggtcaag	aagccaagag	ttgctattct	60
ccgagagcaa	gggtgcaacg	gncagcgca	aatggcat	gccttcagag	ctgctggctt	120
cgatgctgtt	gatgtccata	tgtccgacat	ccttgagggc	ctctccttgg	aaggattccg	180
aggtcttgct	gcctgggggtg	gcttctctca	cggtgatggt	cctggggcgg	gttatgggtg	240
ggcagagctt	atcctgatgc	atgatgggtg	tcgtaaggcg	tttgangcct	tcttcaaccg	300
tcctgacact	ttctcattcg	gtgtctgcaa	cggttgcag	atgctgactc	naactaaaga	360
attgaatcct	ggaaactgaac	actgggcaac	attcggttgaa	aacgcncnc	ccaattcgag	420
ggtnaaaactc	aatggttacc	atc				443

<210> 561
 <211> 601
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

<400> 561
 cagcctgaga ctggctacta tgaacaatcc acaacggata tctggcaatg catctgcgag 60
 tgcgtccgto gcgttgctcag cgagtcacac gtcaacccct ccagcatcaa aggcattggc 120
 ttenatgcca catgctctct tgcggtcttc actcaenaca ccgacgagcc actccctgtc 180
 actcaaccta acttcaaaaa tgatggcaac gacccgaacg tcatctgtgt gctcgaccac 240
 ccacccggtcg aagagaccca agaatltaac antacagacc acaagctcct caagtacgtt 300
 ggtggaaga tgagcatoga gatggagatg cccaangtcc tctggctcaa gaaccatatt 360
 cctccagaag tgtttgagcg tgccaagtcc tacgatcttg canacgctcc taccacttgg 420
 ctactggcaa cgagacccaa ctactgcagt gttgtttgaa ncaagntatg ttctgttgg 480
 cgtgatggaa ctcaagggtg gnanaagact tttacaagaa attggctcgg gacttacaag 540
 gatgactnaa caatggtggg tcacgggtta cggaccattn attctggcaa ccgtgggaac 600
 t 601

<210> 562
 <211> 383
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 562
 cgcgcctctc aatccggcct actttgcgct ttcactctcc ccatecccggt tcacctgegt 60
 gttcgcaaca acgtagtcac ttgttccgag gtcaacttcc ttgccatcca caanaagctt 120
 cgaggcaagc gtctcacgcc agtgcttata aaggaaatca cagcagcag taaccttgac 180
 ggtatctggc aaggtcttta cactgctggt gtctccttc ccaagcctgt cagcacctgc 240
 agatacttcc atcgtgccat taactggcaa aagctctacg aatgcggttt cagccctctt 300
 cccgctaaca gcaagcctca ataccaagtc cgcaagtatg cgctgccgac nacacaagca 360
 tnaagggtct ggcacgccta caa 383

<210> 563
 <211> 459
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 563
 ccagcgaaaa ggcacctctt ggcgctgcta aattcgctga gctcattcac aaagccggtt 60
 tccctccctgg agtcttcaat gttgtgtctg gcatggan cccctctgga gcgcaccttg 120
 cgtcgacat ggaagtaagg gctatcagct tcaactggatc tggctctact ggccgcgcaa 180
 tccaagaagc agctgccaa gccaacctga agaaggtcat cctcgagctc ggcggttaaat 240
 cgttcgtnat tatcttcgac gatgcanacc ttgagcagge tgctaaggat accatgcaca 300
 gtatccagtg gaacagtggg caggtctgca tggctaatto tctgttttac gtgcaagatt 360

ctatcgccga taacttcgtc caagcttgca anaaaacatt tgtctgccgn aaagccggtt	420
atccacagag aanggcatta ttatggncct cagccgaca	459

<210> 564
 <211> 567
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(567)
 <223> n = A,T,C or G

<400> 564							
catctctcca acggttcaca cacaagccag caaacatggc ggttggaag aacaagagac	60						
tcttcaaggc caagaagggc ctcaagaaaag aagaagggtc accctctctc ccgaaaggac	120						
tggtactcga tcaaggcccc taaccttttc aaagtctcag agtgagttgc gaccacgaat	180						
ccgatttaaa atcgtcaact tttttgtggg atatggcgat taaccaattt acagtgtcgg	240						
caagaccctt gtgaaccgaa ccactggtct caagaacgac aacgacgctc ttaagggccg	300						
tatcctcgaa gtctctctgg ccgatctcca gaaggatgag gaccactcct tccgcaaggt	360						
ccgcctccgt gtcgacgaag tccaggcaag aactgcttga ctgctttcca cggctctcga	420						
ttcacctcgc acaagctcgc atctctcgtc cgcaagtggc aaactctgat tgaagccaac	480						
gtcctgtcaa gactaccgac gactacctca tccgcctctt ccgccattgg tttaccaan	540						
cgacgaggaa accaggtcna gaaaaa	567						

<210> 565
 <211> 1860
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1860)
 <223> n = A,T,C or G

<400> 565							
cggctctaag ggcgaggagt actgttggtt cncctgcaca atcaaggggtg gccngaaac	60						
tgggatatg gatgtagtcg agcttgtgca anccgtcgag gcgatgggaa ccggaagat	120						
tctcctcaac tgcattgaca aggacggcac caacagtggg ttcgacttcg agctcatcaa	180						
ccaggctcaag ggagctgtca agatccccgt catcgccctca agtggtgctg gcaaccgggc	240						
tcacttttag gatgtattcc aaaagacttc aacagatgac gntttgggtg ctggaatggt	300						
tcaccggcgc gactacacag tcaagcaagt gaaggattac ctacaacaaa agggctctcaa	360						
agtgagacag ttngaagcag gaattttagg gctttttgaa ataaaacaaa gaataaggtt	420						
agacaaatto ttgaattcgg taaatatcgt tttggtataa ttttaactaa aaggcatgta	480						
ctggataaag agtcataacc ataagagctt cggtnaaca cagagacacc aatacgctcc	540						
aacacctgag aaatccttta acnggaagat gcgccaaaat ggggtgtgtg aacttgcgac	600						
tcaacgcccc tgctaacaga cttttcgagc atagctgagc aagtcgccga gcgagcttcc	660						
aggttaaatt ttggaaaaca ccaacgaaaag taaaatgaca tgagacaaaag aacacaccca	720						
ctcccaaaact ccataaaagga agcaactcat tgtctatagc tccatgcccc tcaacatcca	780						
ctctcttgct gtaacatcaa gatcatgggc caagtcatcc aaggttaacca tgtcgaagc	840						
aacccactga aggtctcttg acagagagtg aacgtcatcc ggggggatac gctgtcaat	900						
gcaggtaaca atgtgggcac agtccaaaag acggtcgggc aattcgataa gggccatgag	960						
agcttttttc aggtntcggc cgaggacgac tccaacgtcg aagaagacaa agagagattt	1020						
ctctctctca tcatcagcaa caaaggcacg gaagctcgca ccgcccgcac agtcccaaac	1080						
ctcagagcaa ggggttaatgt cgtaggacga tagcttctca tccgaaaacag ccttqaaatg	1140						
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attcatggac gaattcctct caccgtggaa cgtcgccttt catggactcg caaaagaate	1260						
tctcacatto ttccttgatc gaaaagtgtg cccctcttgc tggggcccag gcgcggctc	1320						
gggattttct gnttcttgtt cttgggcaag agacgagct cgttagacga ggttaattgc	1380						
gcgagggggg gcttgttgga ggggagggtt atcctgagga agggacctca ggaataccac	1440						

tcggccccctg	caacccccggt	agtgcagtag	tggaggccct	tgaggttggc	ggcagagtcg	1500
acgaggtagc	aagaggcaag	gacattgacc	ttctgggcag	tggcctcgcc	gtaattacta	1560
ctgtaattca	aattctgatt	attcattggt	gccattgctg	ttgatgtttc	ctgggtgtcg	1620
actaaagtgg	tgatagttgg	gaaagggccg	aggttgttga	tcgacggaga	gaggttgact	1680
ggtaacgttt	gattgaggtg	actcgaaata	aacgggttgg	aaatcctttt	tcaagatttg	1740
tgttgtttat	ttggaggcaa	aagtgtggat	acgtgcggcg	acgttttagt	tcgtgtcttg	1800
gtaaacgtgt	ggagaatgtc	ttcaacttgg	ggtagagtag	aagtcaagat	tgtggcagcg	1860

<210> 566

<211> 378

<212> DNA

<213> Fusarium venenatum

<400> 566

gaccgatcca	accccaactg	tcccatcaag	atcgctcagc	gaaccaccac	tctcgccctc	60
cgcttccagg	gtggtatcat	cgctcgtaac	gactcccgag	ccacagccgg	caactgggac	120
gcctcgcaaa	cgcgaagaa	ggcattgag	atcaacagcg	tcctgctagg	aacctgggct	180
ggcgggtgtg	cgcactgcca	gtactggctc	gcctggctcg	gcctgcagtg	ccgcctccac	240
gagctccgac	acaagcgccg	catcagcggt	gcgcgcgcag	caagatccct	gcaacctcgt	300
ctacagctca	agggtatggg	cctcacatgg	gcacctatgt	cgccggagtt	ccaagggaga	360
aggtcgcct	ttactatg					378

<210> 567

<211> 512

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(512)

<223> n = A,T,C or G

<400> 567

catccatatt	gtctctacc	gtctctatga	aatactctta	gtgtcccttc	ttactaacac	60
actcaggtga	accgcttggc	cgcattcacct	ttgaactctt	caacgatgtc	gtccccaaaa	120
cagcagagaa	cttcggccag	ttttgcaactg	gcgagagtaa	gaaccccgta	ggtcgtcctc	180
agggtacaa	gggtccaag	ttccaccgca	taattcccaa	ctttatgtgt	caaggtgggtg	240
actttctcaa	cgggtgacggc	actggatcga	catgcattctg	gggcttcaag	tctttcgagg	300
atgagaactt	tacgctaaag	catgatcagc	ctgggtgtct	tcattggnaaa	tgctggaccc	360
aacaccaacg	gatctcaatt	cttnatcacc	actgtcccac	acctttctng	atacaagcac	420
gctgcttttg	caaggncctt	gaaggattgg	tttggcaana	agatggagnt	tccaanatgg	480
gtacgcgcga	ngattgcccc	acctgactgg	gc			512

<210> 568

<211> 1104

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1104)

<223> n = A,T,C or G

<400> 568

gcagatggag	gctggcgatg	agctctctca	ggatataaag	gagtcctctg	gtcttggagg	60
tggaacogat	atctctgac	ctaacgatcc	cggagtctgc	atcattctct	ccttgaccat	120
ggactccccc	ggcgtctctc	cgcaccat	cgatctctct	acccctggaa	gcgagaccac	180
ctccaaggac	aagcccttca	acatcaagga	aggtgcgaag	ttcaccatga	gcgccaagtt	240
caaggttcag	cacgagattc	tcagcggcct	ccactacgtt	caggttggtt	agcgaaaggg	300
tatccgcgtc	tccaaggact	ctgagatgat	tggcagctac	gcccccaqca	ccgacaagca	360

gcccacttac	atcaagaagt	tccaggagga	ggaggctccc	agcggcatgc	tcgctcgtgg	420
ccactacaac	gccatctcta	gcttcgtgga	cgacgataag	aagaagcatc	ttgagtttga	480
gtggagtttc	gatatcgcca	aggactggta	gacagcggcg	ccttggttagc	acggaccgac	540
gacataactc	aaaattacat	atcacaagtc	atgagataat	gagataacctg	gacatttggg	600
gagggacatt	cacccccaaa	aatttcacat	aaactcaaat	caaaagaaaa	cctcactcgg	660
ttggagaaa	gtcttgctct	gtttcctgtc	acctgcttgt	cgatgacagg	ccggtcggta	720
cctgtggcta	aatctagagc	ttcgatactg	caggagaata	aaaatgccta	tatacatcaa	780
aaaaaaaaagt	cctctgggtc	tttctccaag	aaggtcggag	aagacattgc	caagctactg	840
gtgactggga	aangettgcg	cgtaettgtc	aactcaccat	ccagaaaccg	tcaggctgnt	900
ggttcgcgct	tccactgntt	ttttccttat	natnaaggcc	ttaaggaacc	ccccagggcc	960
cgaaanaagg	gaanaacttn	aagcncaaca	agtttgctcc	cttacnanat	cattganatc	1020
cccnaccat	gcnancaagn	tttttgccaa	ggcctttttg	gtnccggang	ggnaatttng	1080
gaccccttcg	ggttggttgc	cngg				1104

<210> 569

<211> 617

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(617)

<223> n = A,T,C or G

<400> 569

cacgtttcat	caagttaatc	ttagtctctc	gggcgagcca	acgcaaggaa	cctgaatta	60
ccatcttaat	ctttcctaaa	cacaaacctc	ggtttttaatc	tccaatatgt	ctgaaagcgc	120
tgcctggccc	cttgccgata	agaagctcga	gcaggagctt	ctcgatcttg	ttcagttctc	180
tcagcatgcc	cgcagctga	agaagggtgc	caacgaggcc	accaagacc	tgaaccgtgg	240
tgtttctgag	cttgctcatcc	tcgctgcgga	cactcagcct	cttgccatcc	tcctccacct	300
ccctcttctg	tgcgaggaca	agaacgttcc	ctacgtttac	gtcagcagca	agatgcacct	360
cggccgtgcc	tgtggtgtca	gccgtgctgt	cattgctgct	agcatcacca	gcaacgaccc	420
agcgaagctt	gccggccaga	tcgcagccat	gcgcgaaaag	gtcgaccgtc	tcgccatcta	480
aaataccaac	gaaccgagga	ggaaaacaaa	agatggaaac	ctttttctgc	tgtgggcagc	540
cggcttcaaa	agtctgtttg	ttgctgctga	natctgcgcg	cgaactttga	taatcggcca	600
atatttgggg	aaattgg					617

<210> 570

<211> 718

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 570

ctttcttcatt	caacatagta	ctgagccata	cactctacat	ctataatgaa	gttctctcda	60
gtttctctc	tggggtcttg	tctgcttcc	gtctggtctc	gtttcattga	aatcgccgag	120
gtcgacaag	ttgtttctca	gctagacgan	ctttttctcg	tonaaaccgc	tcctggcaag	180
acacaatgga	ttactgagga	agagaagtgg	gagatgcgtc	gtaaaggcca	gaacttcatg	240
gacatcaccc	agacgaactac	gcttggtctc	aagggtctca	acgcgaaaag	cactgtcacg	300
tttcccaaga	agtgcgtaaa	gcaagaacga	gtcgcaaaag	ctctogaagaa	gtctgaaaaa	360
aanaacatgg	aggccaaacct	cgagaagtgg	accannttcc	acacccgatn	cttcaagtcc	420
gattacggcc	tccagttctc	tgaactgggtt	cttgaaaagg	ccaatccagat	cctcaaaagac	480
gctgggtgccc	gaggataccg	tgtttgcgga	gagttttctc	cacacatgga	agcaaacactc	540
ggttatcgcg	actatttctg	gncaatccaa	cagcaccatt	gtaattggcg	cccaccagga	600
ctccatcaac	cttttctctc	cttccattct	cgtgccccct	ggtgcgcgacg	atgatggcag	660
cggttcaagg	accatcatgg	agggnqttcc	qnqctctctc	gaactcaagg	gatqttgt	718

<210> 571
 <211> 487
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 571
 ngccaaagag ttctactgat gatcctcttg tatggatcga ctgtgagatg actggtctcg 60
 accaggacaa tgatgaaatc atagagatct actgcatcat cacaacggga aaccttgaga 120
 ttctcgacga agaaggcttt cagcccatca tccacttccc ccagtctcgt cttgaccaga 180
 ttgacgagtg gggcacaag acacacgtag actctggtct caccgcccgt gttcttgagt 240
 cgacgactac cccggagcaa gctgcgatg ctctctacga gtacatcacg cggttcctcc 300
 ccgagcgcaa gctggtctct ctgcaggca acagcgtgca ctgcgataga gcatttctga 360
 ggcgagagcc ctacaagcgt gtgatgagac acctgcacca ccgaattctg gacgttagct 420
 ctatcaagga ggctgcgaga cgttgggcgg ccaagangat tgtgaacaag gttcctaata 480
 agaaggg 487

<210> 572
 <211> 692
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(692)
 <223> n = A,T,C or G

<400> 572
 ggcgactcga agcgcagctc tcaagcttga ctggaccaag gtcaccagct ccttcggtct 60
 ccgtggccag accgttgctt cctccaggc cttcaagaag cgcaacgagg acgtccgccc 120
 caaggtccag cagctccagg agcagccac caccgtcgat ttctcccagt accgatecgt 180
 cctcaagaac caggccatca tcgatgagat cgagaagcga ttcaacgctt tcaagcccgt 240
 tacctacgat gttagccgac agctgaaggc catcgacgct ttcgaggctg aagccgtgaa 300
 gaagcgagag gccaccaagc aggcgctcga cctcgagctc aaggacctcg ccgctacctt 360
 caagaacatc gaggaggccc gaccattcga ggacctcact gtcgacgaag ttgctgctgc 420
 tgagaatcta tcgacgagaa gaccgaccag ctctgttcca agggccgatg gatggtgcca 480
 ggtacaagg agaagtttgg cgacttggct atggtttaga caaattgcga cttcccttct 540
 cgccttcgag ttgtgtctct tagcattggt gataaaaaaa actgggggtct gaaccagatt 600
 tcttcatacc caaacatcta caaaatttcc tctgtgcttc ataatatctt attatctgaa 660
 catttcttct aaacggtgtc tgaaggttnn ta 692

<210> 573
 <211> 557
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(557)
 <223> n = A,T,C or G

<400> 573
 naaaaaaaga cncgcgcaaa aaaaccgccc tttctggcga caagaaaaag cgctcaaaga 60
 ccgcgaagga gacttactct tcttacatct acaagggcct caagcaggct catcccgaca 120
 ctggtatctc caaacccgcg catgtccatc ctgaactcct tcgtcaacga catcttcgag 180

cgtggcgctt	ctgagggcttc	caagcttgcc	gcctacaaca	agaagtnac	catntnctnc	240
cgagagatcc	anacctntgt	ccgcctnate	ctnccccgtg	agcttgccaa	gcacgctgnt	300
ntgagggtag	caaggccgtn	accaagtact	cttnctcgac	nnaatagggtg	gtttgatagc	360
tngatttggt	tngggcattt	annttttnac	ncgnnggcac	anggggtgat	gaatctgagg	420
ttcacnggga	tcacctgtt	tgggggccta	taangcgtac	ngatggtttg	gtttttttt	480
ctgggggcat	gtttaaccgg	ccaacggggg	ccggggggaca	anaacatcaa	aaagggttgg	540
ncaaggattg	gccctttt					557

<210> 574

<211> 609

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) (609)

<223> n = A,T,C or G

<400> 574

cttcaagaca	actatcaaca	ccaataccta	aatccaacaa	ctactataga	acaataaacg	60
aacttatnat	gtttaccgga	attgtagagg	aagtaggagt	tgtctccaag	cttgacaaca	120
atgattctac	tggcggcact	tctttgacca	tctctatccc	ttctggctct	cagctcctct	180
ccgactgccg	tgatggcgat	tccatctctg	tcaatgggtg	ttgtctcacc	gtcacctctt	240
tcacgcctga	agccttcaca	attggtgtag	cccccgagac	tctgagaatc	accaacctgg	300
gtgacctcaa	ggagaacagc	aacgtcaacc	ttgagcgcgc	tgtccgtgct	gatacacgca	360
tgggcggnga	ctttgtcagg	gccacgtcga	taccaccgcc	aagatcctgt	ctgtcaccaa	420
ggacggnaac	gccttgactt	tcgnttcanc	ctgccgcaaa	gacatgctgn	ggtacgttgt	480
gtacaaaggc	tacatcgcat	tgacggnaact	agcttgaccg	tcaccaaagt	caatgaccan	540
gaaggctggt	gggangngaa	gctgatcnct	acactcagga	naaaaagttg	tgtggccena	600
naaaaaaag						609

<210> 575

<211> 1014

<212> DNA

<213> Fusarium venenatum

<400> 575

ctcatcaaca	ccaagtgtct	tcctttcctt	caccaccta	ccccaaagtc	accagccagg	60
agagtcaaca	tgtcggcgcc	cacgagcaag	accttcggaa	agtcgacccg	agaggccctt	120
gcctcttcgg	agaaggctaa	gaagtggtag	cccgctgatg	atgatgccga	gaacaagaag	180
gttcgcaagg	ctgtccgata	ttggactcct	cgcaagtctc	tccagcccgg	taccgtctct	240
atctctctcg	ctggccgctt	ccgtggcaag	ctgtgcatcc	tctgaagtc	cctcgaccag	300
gggtctctct	tggtcacccg	cccttcgaag	atcaacgggt	tccctctgcg	acgaqtcaac	360
tcccgatacg	tcctcgccac	ctcttacaag	gtcgacatct	ctggcctcga	cgagagcaag	420
attgaggaga	tctctcagcc	caagtacttc	accgccgaga	aggccaagga	gaaggctggt	480
gaggaggctt	tcttcaagca	gggagagaag	ccccagaaga	aggaggtcaa	cagcagccgc	540
gcgcgcgacc	agaaggccat	cgacaaggct	ctgattgcca	acatcaagaa	ggtcgacatg	600
cttgccctct	acctctccag	ctctttcagc	ttgaggaagg	gagacaagcc	ccacgagatg	660
gcctggtaaa	tgtgcaatct	tgtgtgccgg	ggtgatggga	gtaccggggg	tgcatataaa	720
aggggtgtag	aaaggcaagg	gtaacgaaa	agggctggat	tggcaatttg	catlttgaaa	780
tggacgggca	tgggtccaat	tttgggctct	gtaatcaggt	tttadagtda	aaaadcaaacg	840
agpatacaaa	attctagagg	cttccgggtga	gaggccgatg	atgatgaact	tcactcggat	900
gtccratctc	cctgggtgaa	aagaaaagca	actggtgtga	gcgatcatgg	tctttccccgg	960
tctgaactcg	tcaaaaaatg	acattgtttt	acgaatcata	aaaaaagttt	caat	1014

<210> 576

<211> 632

<212> DNA

<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 576
atgaagtcca acgctgtcgc agccgcgcgtg tcggtctgctg tccttacggg caacgttcat      60
gctgaggacg ttaaggaggg ttctcccgcc gtcccccgaag agcttcccac ctttactcct      120
acaaacatca aggctgactt ccttgaacaa ttcaccgacg attgggacca gcgatggcaa      180
ccctctcacg caaagaagga caccgaccggc tctgaggagg agtgggcata cgttggcgag      240
tgggcagttg aggagcccgt caagtacaag ggaattgatg gcgacaaggg tcttggtgtc      300
aagaaccccc cgctcacca cgccatctcc gccaaagtcc ccaagaagat tgacaacaag      360
ggcaagactc ttgttggttc gtacgagggtc aagctccaga atggcctcga gtgtggtggt      420
gcttacatga agctccttcg cgacaacaag gctcttcanc aaggaaagat tcgccaacac      480
aaccacctac gtgatcatgt tcgggtcccg caagtgtggn cacaccaaca agggtcactt      540
tatctcctac cacaagaacc caadacaccc cantacaagg agaaacacct gaactctcct      600
cctactggga agatnacaaa gaccacagag ct                                     632

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<210> 577
<211> 335
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(335)
<223> n = A,T,C or G

<400> 577
cagaaggaga gagttacggt tggcgatgtc atctatatng aagcgaacac cggcgcttgc      60
aaacgagttg gacgatctga cgcctatgct acggaattcg acctcgaggc ggaagagtat      120
gtgcccattc ccaagggtga ggtgcacaag aagaangaaa tcgtgcagga tgttactntg      180
catgaacttg atgtggcaaa ctctcgctcc aaggnggcca anatattatg agcatgatgg      240
gccactgatg aancccaana tgacgganat tacggcaaac tgggtagcga gacaacaaag      300
nggttagcaag tcattcacca gggngttgtg aactt                                     335

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<210> 578
<211> 515
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(515)
<223> n = A,T,C or G

<400> 578
caagacttcg ctagagcggt tcaaggaggt gattcgagat tccaagggtc tgggcctcgc      60
tggttogancc tacatctctg tagttctggg atgtcctttt gagggatttg atgtcgaccc      120
ccttcaggta gggagatctg ctacagatct tctggaggcg ggagccgatg anatttctct      180
cgttgacact acaggtatgg gtncagcccc tggaaaggga actctccttc agtgtatgtc      240
ngggcgaggc atccgaactg aanacattgc catgcacttc caccacacct acggccaagc      300
tttagtgaac actgcggttl ctctagaaca cggcatccga acgtttgata acaatgttgg      360
tggtctgggt ggttgccctt acaccctggg ggcactggga atgtctcaac cgaaaacatg      420
gtttatttca tgganactcc gggatatgaat acaggtatca gcctaaatgc catgtctgat      480
attgagagcat ggatcacaan ggancctgggc cagga                                     515

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<210> 579
<211> 1511
<212> DNA

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<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1511)

<223> n = A,T,C or G

<400> 579

ctttctctctt	gatacagtttg	cattcggcat	ctcgactttc	tctttttgtcg	gccgtataacc	60
ttccttcaaa	atggcgctcna	cttcggctct	gcctaagcag	aacctgtctc	ttagacgcac	120
cgtcacctcc	accaccgtga	cggacactga	gtctgtctgt	gtctctcctt	cagactctcc	180
ccgccactcg	gcctcttcca	cctcgctctc	atttttctcc	gaggtcgaca	ttgccaagcc	240
caaggccgaa	tatggtgtta	tgtttgacac	ctacggcaac	aagttcgagg	ttcccgactt	300
cacttatcaa	ggaaatctac	aatgccattc	ccaagcactt	gtttcaagcg	ctccgccttc	360
aaqggatacq	gatacatcct	tcgcgacalt	gtcctccttg	ctaccacctt	tagcatctgg	420
caaaactatg	tgacccccga	attacttccc	caqcaacttc	cgccctcgct	ggtctctggg	480
gccgtctaca	ccattctccc	agggctcttt	tcgctacccg	tatttgggtc	attgctcacc	540
aattgtgggc	acggtgcttt	ctctgactct	cgctcctca	acgacatcac	cgggtgggtt	600
cttcaactct	ctctctctgt	ccccacttc	agctggcaga	tctcccaccg	aaagcaccac	660
aaggctaccg	gaaacataga	gcgtgacatg	gtctttgttc	ccgaactcg	cgagcagcag	720
gctactcgtc	tcggcaagat	gacccacgag	cttgcctacc	tcactgagga	gactcccgcc	780
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aacgtttacc	gccacaacta	ccacgagcgt	cagaaggagg	gccgtggtaa	gggcaagcac	900
aacggtctcg	gtggcggtgt	caaccacttc	gatccccgca	gcctcttcta	cgagcacagc	960
gatgccaagc	tgatcgctct	gagcgatatt	ggatcggccc	tgatgggtac	cgctctgtac	1020
ttcctcgctc	agaagtttgg	cttctacaac	atggccatct	ggtacttcgt	tccttacctt	1080
tgggtcaacc	actggctcgt	tgccattact	ttcctccagc	acaccgaacc	tactcttccc	1140
cactacacca	acgacgantg	gaactttggt	cgcggtgccg	ctgccaccat	cgatcgtgan	1200
atgggtttca	tcggncgaca	ncttctccac	ggtatcatcg	agactcacgt	cctccaccac	1260
taogtcagca	gatttccctt	ctacaacgcc	gacnaagcta	ccgaagctat	caagcctgtc	1320
atgggcaagc	actacogtgc	cgacgtccaa	ganggccccg	tggtttcatt	cgtgccatgt	1380
acgcagcgcc	ccgtatgtgc	cagtgggttg	anccagtgcc	tgaaacccaa	ggtgctggca	1440
aaggngttct	gttcttccgc	aaccgcnaca	angttgggac	tgcccttgcc	gtcatcaaac	1500
ccgttgctta	a					1511

<210> 580

<211> 365

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(365)

<223> n = A,T,C or G

<400> 580

atcggtctgg	tgtcgaaaact	ccctgggtgt	ggcgatggat	tcgcctccca	ggctagggac	60
ctcaaggcca	gctccgaggc	tcaggagcag	cqtaaccgag	gctatgagca	gagcccggtt	120
gatttgactc	gtgataagcc	caaccaaqtc	cccggtatga	gccttgactt	cgaccccgtt	180
gaaacgcgac	gcaagatcta	ccclatcttc	gagttccgcy	acaagatcgt	caaggccatc	240
ajcccgggta	tttccaaggt	tcttggaactg	gagaaaagctt	cttgagaaga	tcagtggagc	300
atttactgnt	ttcatcttgg	gcctttntcg	cccttccatt	cqacccatna	tcaaacaggt	360
ntaaa						365

<210> 581

<211> 659

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(659)
 <223> n = A,T,C or G

```
<400> 581
atcgacttcc aggacaaggg tgtcaaccag ttctacatgc gcgttcgcga gtggtacggc      60
tggcacttcc ctgagctcgt caagattgtc tccgacaact acacctactg caagctcgtc      120
ctcgccatcg gcgacaagaa gagcttgaac gacgacaagc tccacgacat tgccgccctc      180
gttgaggagg acggtgagaa ggcccaggcc atcattgacg ccgccaaggt ctctatgggt      240
atcgaaatct ccgaggccga tcacgagagt atcaaggcat tcgccgaggc cgtcgtcaag      300
caggccgaca accgcaagtc caccaacctc taccttgaga agaagatggg cgacatcgcc      360
cccaacctgc agacctnat cggcaactct gtgcgcgcgc cctcatcttt acgctgggtc      420
tctgaccaac ctttctaagt accctggctc ttacttttca gattctcggg gctgagaagg      480
ttnttttcgg ctttnaagaa caanacaaca cccccaagta cgggnttatt ttaccanaag      540
aagttttatn ggaanggccg ggggtcccgc aacaangggg cggatttttt nggaacctng      600
cccaacaaag ngcagttttg gccaggggg cccgnaaaac ttttttccgn ngagccctt      659
```

<210> 582
 <211> 389
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

```
<400> 582
catgggatcc ttccaggcca agaagatggg actggaagag cgtgaggccg tntacgagcc      60
tatcttttgc atcaacgagc gtgacgacct gaccttgaa gtcaatgaag tntatctngg      120
tgaacccaac aagctgcac ttgaaggcac tgccaagggt nccttcaatt ctcacaacct      180
ctacattgcc ccattggcg agncttaacn gctcttctct gcaaggacag gaactgcctt      240
cacatggaag tcgacattag cggttttaac ctcaaatacg aaactggtga tcacattgct      300
atctggccca caaaccttgg tgaggagggc aacctgttct ttagatatto tcgatctctc      360
tggnaaagcag cacaccgtca ttaccgcaa
```

<210> 583
 <211> 583
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

```
<400> 583
cgttaaaact atatccaatg cgtttctctc cattcctgtc aaacatcacc tttacattct      60
caaacattac ccgtgtgaga cctccactga cctcacactt ggcatatcga cctattctct      120
ctgatcttat gttctggaatt ccacatcttg gcgttttatt tgggacttca cctagcaaca      180
agtcacaatc gttcttatctt gaccagcgtt caagcgacna gtggcggtgt gtccctcaaca      240
aggagcaatt ccgtattctc cgtgagaagg gtacggagcc tcccggttca ggaaagttcg      300
ataagcaata ccccgacgaa ggtctctaac ttgggcaggg tgtgatacgc ctctctacaa      360
ggctaactac aagttcaagt ctggctgtgg ctggccagct tactttgaca gcattccccg      420
tgcagttgaa cgtcaagaag atcgggcctt cgggtatgga cgaactgaga tgtgtgctcc      480
aactggggcg gccatctaag tcattgtttc agggcgaaag cttttgaccc cactgatgaa      540
ctcatgtgtt aacagcgtca tcttaactct ctcccaatga nag
```

<210> 584
 <211> 596

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 584
gccgctggcc aagccccga gtacctctgg atcggatgcg ccgactctcg catccccgcc 60
gagcagatct gcgccctcga acccgggcgag gcattttatcc accgcaacat tgccaacctt 120
gtctgcaaca ccgacctcaa cgccatgggc gtcattaact atgccgtgaa gcacctcggc 180
gtcaagcaca ttattgtctg cggccactac ggctgcgag gtgtcaaggc cgccatgact 240
cttcaagatc ttgggtctgt gaacctctgt tgcgaaacat ccgcgacgtg taccgtcttc 300
acganaanga ctcgatgcca ttgccgacga aaatgagcga tacgaccgac tcgtcgagct 360
caacgtcgtt gaacaatgtc gcaacgtcat caatttgcgc acgttcagca gtcatggcat 420
gaaaaacaat nccccctct ccnccgatgg gtttcggatt caaggacggc tctccagatc 480
ttaaaatgac ttnaagcng ccgggtgata tcccaaaatt tacaacctg ttgaaaaaaa 540
ataatgggaa acaanttct ttanaaaaaa aaaaatanaa aaccgnttca attggt 596

<210> 585
<211> 447
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

<400> 585
attaacatat aacagaaatg gctgagcaca acatcgtcgt cctgggtggt gaccactgcg 60
gtcctgaggt tgtggccgag gctatccgag tctcaagac tctcgaggag aacaagccca 120
gtgttggaac gttcaacttc aaggaccatc ttatgggtgg ttgtcaatt gacgcccacg 180
gttccccntn gaccgacaan accctcnctg cgccaaggga gccgacgccg tctnctnng 240
tgccatcggc ggcccaaatg gggtaaccggc gctgccccct gaacaaggtc ttntgaaget 300
ccgtaaggag atgggcacat acggnaacct gcgacctnng tttttccctt ccacttcctt 360
gnnaacctt ntcccttaan ggccaaattg ccnggccccca atttttattt ngccaaaact 420
cctgggggaa ttncttttgc caccoca 447

<210> 586
<211> 635
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

<400> 586
actcgggtgag aatggagata ctccggtgca acttcagaca cagctcgaaa ccttttatect 60
cgactttcgg ctcgacaaca atttcgtcta cagagaccaa cttcgagaga atgcgcttct 120
caagaggtac ttctgcgacg ttaacatcaa cgacttgatt agcttcaacg aggagctggc 180
acacggatg gcttngaac ctgcggacat catcctatct ttcgaaaatg ccttannгаа 240
atgcacacat cggattgtct tccctcagca acccaagatt gagatcccg aacatcaact 300
tctcttccac tcaaacgcgc acgatgtctc gatcccgcaa tctcgactcc gaaaccatct 360
cacggctggt acgtgggcca ggtattgtca ttgggtgcctc agtcatgtca tcaaaaggcaa 420
caaaactcca tatcaaatgc cgcactcgcg ggcacactaa aaacattcct gtcttgggag 480
gttcaagggt gtaactctc cccaaaattg ctctcgaaat cgagtccca atgaccaaca 540

ncaaaatgtc catggncct aatcggttgc caccgagaagt ctcaatttgt ccaccaacaa 600
attatcaaac ttcaaagaaa cgcgccgacc aantt 635

<210> 587
<211> 564
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(564)
<223> n = A,T,C or G

<400> 587
cgggcagcca agactagctt agctgccaca actctcaagg cctgcttctt caggtecgta 60
gggaatggctc qaatcatttc tgagttgtag aggttaacccc gctgttgaac gccgatattt 120
gtagccattc ctgagtgtt cctcttgagg ccccaactgg cgataattgc ggcaggcgctc 180
tttgagagac ccgtgagtc gctgtgtgc ttgagaagct gggcagcagt aagggaaaccg 240
atgagagcgg tcaaattagg cgcaaagatg ttcattgcgc actggacgta ttctgccaac 300
gtttgcttgg cgttattttag agatatagtc atctcacacg ctctgtagac gcgctgaagc 360
tcctctgaag tcatttcatg accttttagac gtcgtggctt cgaccgtcac aatcatganc 420
gaaggtccat cgagaacaga cttganaatt attcccagaa gattgtcngt cgaagtctgc 480
agtgccttga tgctctccga gtccaaaggc ccattcctat gatggcgaca acttggcata 540
tctagtgggt tcgtgacaat cgtc 564

<210> 588
<211> 796
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(796)
<223> n = A,T,C or G

<400> 588
gggcacccac gggaaacggtc tttttgttta agaacaaatt cctccagct cccactaact 60
aacttgacag ttgtttgaga ggacggaagt cataccacag tcaagatgcc ttcagaagcc 120
ggtcaccgac tatacgtcaa gggacgtcac ctgagctacc agcgtctctg tcacaccacc 180
cgccctgcta ccagcctgat caagatcgag ggtgttgacg acaccaacgc cgccaacttc 240
tacctcgga agaaggctgc ttctgtctac cgtggccaga aggagatccg cggtagcaag 300
atccgtgtca tctggggcaa ggtcaccctt cctcacggaa actctggcgt cgtccgcgcc 360
aagttcacct ctctcttcc caccagtcct ttccgtgctt ccgttcgcgt catgttgtat 420
ccttcgtcga tataaaaaaa gggcttcggg ctggagttgg tagtganggg cggctttcat 480
ttggctgcct tggctcgagca aggataaaac atactgcctt gctttgagga attcaattca 540
aaaagacgtc aaatccana ccccgaaaaa ggctctttac acctgagcta ctggttttga 600
tgacataaac ttatttcccc ttcatgcaa cggttatcgg aaatcgatcc cgcccagagc 660
attccactgg gaggggagct tcagtqatgg aacactttct ggcggttggg attgggaaccg 720
gtgttcggaa caadtcdtca ataqqtaca agcgaatcat cgatgaaatg ccagggtccag 780
ggctctatt agggca 796

<210> 589
<211> 553
<212> DNA
<213> Fusarium venenatum

<400> 589
ccaagacgtc ggaactggcc cttgacctgc tcgagaagct cctcgcatte aacctgttta 60
agggcattac tgtggaggaa gctctgaagc acccatacct cgagccttac caccacctg 120
aggacgagcc aacagcgccc cctatccccg aggagttctt cgactttgac aagcacaagg 180

acaacctgag	caaggagcag	ttgaagcagt	tgatctacca	ggagatcatg	aggtaaactgt	240
ggagactccg	taaaaagatg	gcctgcgaat	tcgggggatgt	caaatagact	acatcacata	300
cctatgggca	cgcaagcaag	caagcgcagt	cagaactacc	ggtcgagttt	attctgcata	360
tcatgtatct	ggcatgaatc	ttttgtcaat	cttgctgata	ggagtgggtg	aatgtaagga	420
aacaggatcg	aagatatgaa	atggagactg	agatccagac	cggtgataaa	gatgatttca	480
tgaattgcac	attgcaacca	tttcttacta	gttgttatat	cccaaaagaa	aattcataat	540
aagtgtttat	ttgtaaaa					558

<210> 590

<211> 556

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(556)

<223> n = A,T,C or G

<400> 590

agaccgatgt	ggtcatcaac	aacaataacg	atgtccagat	gaacctgcag	aaactcaaca	60
agctgggtga	gacgttcgct	ccaggcttcg	gtcagctggc	taataagaag	ggagacttgg	120
gcgatctggt	cgattcagaa	ctcagcaagg	ctgcggatgc	catcgcggtc	gccgctgcac	180
gactggccaa	gctcaggaac	aagcctcggt	atggctactc	aacctatgag	ctcaaggtaa	240
acgattcgat	cctggatgcg	gccacggcga	tcaccaacgc	cattacgcaa	ctgatccaag	300
cggccactgt	gacacagcag	gagatcgtec	aggctggacg	tggatcgacg	tccaggacag	360
cgttctacaa	gaagaacaac	cgatggacgg	agggctctcat	ttctgcccgc	aaggctgtgg	420
cgctgctcag	caacactctg	attgagacag	cagacgggtgt	catttctggc	cgcaacaagt	480
ccaaaacagc	tcctcgctggc	ctcgaacgat	gtggctgcct	cgactggcca	ncttgttggn	540
ttgcaagcag	agtcaa					556

<210> 591

<211> 633

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(633)

<223> n = A,T,C or G

<400> 591

caacggccctc	atctccaccg	aggacgcctc	cgagccctct	ctccagtcac	tcctcgacca	60
gggtagccctc	cgctggatct	ttgttgccgg	aaaaggtygt	gtcggaaaaga	caaccacttc	120
ttgtctctctc	gocattccagc	tcgcaaagggt	ccgcgggtct	gtacttctca	tcctcgaccga	180
tcctgccccac	aacctgtcag	atgccttttc	ccagaanttt	ggcaaggagg	cccgccttgt	240
aaatggattc	gacaacctga	gcgccatgga	gatcgacccc	aacggcagta	tacaggatat	300
gctggccgggt	cagaacgaag	gccgatgaat	taatgctgct	gctggcggnc	ctctaggagg	360
catgatgcag	gacctcgctt	ttgcgattcc	ggtatcgaca	ggccatgtca	tttgccgaag	420
ttccaaagcag	gtcaagtcctc	tttctcagga	aaccattctc	tttgaactgc	gcccacangc	480
cataactgag	ctttctccaa	ttcccccagg	tttttgaaaa	ggtctcgcca	gggggtacaa	540
tttcatctca	aacggggcat	actgaacgtt	tccttggtcc	ggggatcgat	ccccatggcn	600
aactanaaat	atgnaataa	atttgcgnaa	atg			633

<210> 592

<211> 469

<212> DNA

<213> Fusarium venenatum

<400> 592

caagttttatc	aacagtggcg	atcgggggacg	atcattcttta	tctacattgt	ccaaagtcac	60
-------------	------------	-------------	-------------	------------	------------	----

tgactccaag	atccaagtct	tgatctgggc	tggtgatgcc	gactggatct	gcaactggat	120
gggcaattac	cgcgctctca	actcaattgc	tcccaagtca	ttcgtctcag	ctcctcttca	180
gtcctttact	gttgatggaa	ccaagtacgg	agaatttaag	acatctggaa	atttgagctg	240
gctgcgagtt	tatgggtgctg	gtcatgaggt	cccggcttat	cagcctcaag	ctgcattggc	300
tgcttttgtt	gccacacttt	ccaagaagcc	tatttcatca	acatgattaa	tgaactgctt	360
gttgaattcc	agtatattag	ctttatcttc	cataccccag	acgattcatg	tatcctgtat	420
gtagtagcta	tacactaaca	aaactacctc	tcacgcttcg	ctttctttc		469

<210> 593

<211> 451

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(451)

<223> n = A,T,C or G

<400> 593

cagtctcgta	ccatcggaag	gtacttgatg	gagattagcc	tcttggacca	tcgatttatg	60
gcctacagac	cgagtcacgt	cgtctgtggt	gccatgtact	tggcgcgact	aatgcttgac	120
cgcggtgaat	gggatgccac	cctatcttac	tatgcggggt	acactgaaga	tgangtcgag	180
cccgctcgcc	acctcatggt	cgactacctt	gctcgccctg	ttgcgcatga	ngcatttgac	240
aagaagtatg	ctgccaagaa	tttttgaagg	ctcactcttc	gctcgccaat	gggccaagaa	300
natgctgttc	ttttcggcat	taccgatggt	gaactgagtc	ttgaccaaag	atcatagatg	360
ctatcgacac	tcgcnccatt	tactgcattc	cttattcgat	aacctgaaca	acaggatata	420
cgccgcgggt	ggaataaaat	gtacgcgcgt	c			451

<210> 594

<211> 575

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(575)

<223> n = A,T,C or G

<400> 594

ttcctctctgt	ttcctctctc	tctaaaacga	tatcttctat	acgcttttcgt	ctgttcaaca	60
atcctccgcc	agtattttac	gacccaaata	ataaactaca	aaccccagca	atcagttcaa	120
aatgggagag	tcgagacaag	aacttggtgc	atggctcaac	agccttttgc	aactcaacat	180
gaganagatt	gagcaatgag	gtactgggtg	tgctcttttg	caagtttttg	acagtatcta	240
catggagctc	cccatgtcca	aggtcaagtt	caacgtgaac	tctgaatacc	tgtacatcca	300
aaattttcaag	gtttctgcaga	acacgttcgc	caagcatcag	atcgacaagc	cgatccccgt	360
cccttcactc	ataaaatgca	agatgcagga	caacctcgag	ttcctccaat	ggacaaagcg	420
ttctgggact	caacttcctc	gatcacgagt	acgatgccgt	tgcccgaacna	anggtgggtg	480
aagctccgcc	gctgcgtctc	gaccgcggtg	caatggngcc	gccntctgga	ggaanantcc	540
aacggggggac	ccgtgtacaa	aggtgcgggc	ctgca			575

<210> 595

<211> 641

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(641)

<223> n = A,T,C or G

```

<400> 595
gtcaccaact aaatcccttcc cccatccact ggcttcaatg agctatgggtg atgccgatgc      60
caaggggact tgataaaciaa atttcgtacg caaacgctgc atcttgatcc cgtcagccccg      120
ctctggggct tccaactcct ttccaggctt cgtattccgt tcagttatct ctggtcagag      180
acgttgatac ccaaaccatc tgactgggac gaccacctga acattacagg cttctctttc      240
ctaccacttg ccagctctta cagcctcct acagaccttg taaacttcct taacaatggg      300
ccaacaccaa tttacattgg gtttggtct atcgtcgggg acgacccccca agcactcacg      360
actatgatct atgaagctat caagattgcc ggcatcgaa ccattgggtc gaaaggatgg      420
gggggtgttg gtgcttgagg aagtccccga tagcctttat ctcattggga aactgtcctt      480
cacgactggc ctgggtccaan catgttgaa tggtgnccac catggngggg tggcacgaca      540
gttgccgnat accggtgggc gacgatggcg ttgtccgtct ttgagacagc ctttggggnc      600
aaatatggct cgtcagtgc ggacnagtn agtcatacaa a                                641

```

<210> 596

<211> 610

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(610)

<223> n = A,T,C or G

```

<400> 596
gattgggtac caactcaagt tccaggtccg agaacgactc gcaaaggggc ttgtcgacaa      60
gggcatectc cgtaccgaga agcgcaattt cctcctcttc gacatggcca cccatcccgt      120
cgctgatggc ggtgccaaag aggagatccg ccgcgcgcgc cgcactgtcc ttaccaaacg      180
aacgcgcgct ctaaacggta gccagttcct acccgagtcg ctcgagtttc gttatatgcg      240
caccatcgcc atgggtttgcg ccgcttaagc cgctaagtgc ctcgagaatg cctcgcctc      300
ccttggtcat gaggtcgcg agagagcctt tgcgcagacc gacgacctgc tcgtgacta      360
cagtcgaatg ccattcgga agaaaggcca cacagaacgg tattggggcc aacttgcctc      420
aacttatcaa cgaggaggtc aacaacggta aanacaagga gctccacttg aggtgggttc      480
acttgcttga ggggtctttac tcgaatcgac ttctttnta taaatggacc gaccaggtg      540
gatgcggatc cctttttnca aacacgatgc ttgggataca ttctcgaac gactntntgc      600
cgtcttagtg                                610

```

<210> 597

<211> 788

<212> DNA

<213> *Fusarium venenatum*

```

<400> 597
tcattgcccg actaactttc cagcgcgcgc ctgcgcaaac caccgccaaa atgggtcaaga      60
tcaacctctc cctcgcctct tctcgccgca agagccgtgc cgtcacttc aaggctccct      120
ctgaccagcg cgtgtttatc atgagcgcgc cctctccaa ggagctccgc gagcagtaca      180
acgtccgcgc tattcccatc cgaaaggacg acgaggtcac cattgtccgt ggttccaaca      240
agggccgcga gggcaagatc acctccgtgt accgtctcaa gtacgtcgtc caggttgagc      300
gtgtcaccgc tgacaaggcc aacggccagt ccgttccctt gggcatccac cctccaaact      360
gtgtcatcac caagctcaag cttgacaagg accgagagga catccttgcc cgttccaaga      420
ctggccgtga gctcgtgccc aacaacaaag tcacgtctta agcgtatgag ttgttcgaga      480
acaacaaaaa tcaaaaattcg gaattttcaa gacgggatga tcaaaccttc cttccaggcg      540
aggacgaatc ttttcttttt tcaccactca cgattacggc accaatgtga gcaacatcaa      600
gggcaaaaag tgatgaggaa atgggcataa tactccggcg ttttacgata cctgcgtgct      660
ttccttcggt cggcgcggtc cccggtctac agcagggtag atgaattgag aatttttagg      720
gttctcaatg gccatttcaac tcaattggta aatgctccat gggagattta tcccdaagtc      780
ttgacctg                                788

```

<210> 598

<211> 1257

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1257)

<223> n = A,T,C or G

<400> 598

gggatnangt	ttttttttcn	ttgttcattt	ctgccaacct	anatgatncc	acgttgataa	60
catacaacca	aacataaaaa	agacctcatc	atgcctgctg	ttcctnaaga	tgcgcccag	120
tccgntggac	aaatccccgc	gcccgaaaaag	tcaactccta	ccttcaaacc	cgaagatgtg	180
accgtcatnt	ttgtttctcg	cggccctggt	gccggtaagg	gtacccagtg	ctccaagctc	240
gtntctgagc	acggcttcac	ccacctttct	gccggcgact	tgtgcgcgcc	tgagcangag	300
aggccccggt	cccagtatgg	cgacctcatc	aaggactata	tccgcaacgg	cctcatcggt	360
cccattggagg	tgactattgc	tctcctngan	aacgccaatgt	ccgctgtcct	caaggagaca	420
ggatggcaga	agggcccgctt	ctnattgaag	gtttccctcg	taaganggac	caggctgtca	480
aagtttcgang	agaccgtctg	ccccgcaagg	ttgtcttttt	ttcgactgnc	ccgaanatgt	540
tatggagtc	cgtttcttga	gcgcggnaaa	acagcgcccg	gaagaaattt	tttttttttt	600
tttttaaaaa	naaaagcatt	catcataaaa	cgacacccta	aataacagag	acaaaaggca	660
ggtttgaaaga	accattgcat	tacttttttg	tatcccccat	gcacctccca	aagggatcca	720
ggcgagagg	atttgccccg	aagccctgtc	atgtggccca	gtcgggatct	cctccccatg	780
tgtcgtcttc	cggactgggtg	gcagcgcaat	atggtataaa	atgcccgcga	cccttccagg	840
cgaaactcta	gaaacgagat	ctatcaacaa	ctgccacaaa	gagatttccc	cgtaaaacct	900
tcccaaagat	gtcaggtctg	cctgcgtcgt	ctggtcgtaa	aaagctggcg	ggacattttg	960
ccacaaaacc	gagagtttgg	acgaaccggg	aaatatacaa	gccctagatc	actttttntt	1020
gcctcaatgg	cttaaaaaag	atcggcaacg	ttcaaaggca	tctcaatcaa	ccagagttgc	1080
tggagttaac	gcttntatit	ccctgagcat	gcggatatct	tggntgnta	cgaagttgat	1140
ggcgacaccc	tttcggggca	aacgtncctc	acgaccgatg	cgggggggatg	tagttttctc	1200
cnggtggng	gggagatcgt	anttgatgac	canggacacc	tgntggacat	cgatacc	1257

<210> 599

<211> 616

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(616)

<223> n = A,T,C or G

<400> 599

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ttacgcggta	cttgtgtggc	gataagagca	ttagcgttgg	ggacaaatcc	gccaaagtaac	120
ccaagaagcg	cccgaggat	caaaaaactgc	cagatatttt	gtgccagccc	catcaacacc	180
atcacgatgc	ccatgccgag	ggcagagcgt	aatagcatga	gttttcggca	agaatttctt	240
attttcaagc	acttgcaatg	ctgcctttcc	acctgcttca	gccttgccgt	taccaacacc	300
acatgccatg	aatttgccctg	tttctcccca	ccgctcaaga	taaaatccaa	tagcaaacag	360
ngggaggccct	gtgtccttgt	ctttttttctt	gcattccata	tcttcgnacc	cgaattttga	420
ttccggcccg	ctatcgtctg	gctcanacna	cctttggcat	tttgcctctgt	caaggggtatc	480
acttttgggt	tggggctgng	tanggtgttc	ttganccata	tgcctgngttt	tgagctattg	540
tttncaaaaca	actttctggg	ttttcttttga	acctgggcnt	ttgattggac	caccccnan	600
catttttgag	ccaagn					616

<210> 600

<211> 651

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(651)

<223> n = A,T,C or G

<400> 600

cgaatggctg	aagtcgttca	tggtcatatc	actcttgacg	gagaggatat	ctctgttata	60
cctagacatc	tcattcgcca	acgetttagt	tgcttgaccc	aggatccttt	cgtcttttga	120
gacagcatca	gagccaacct	cgacccttgc	aacgtatcat	cagacgacga	gatcagaaac	180
gcaactggagc	gtgtggggat	tttgtccgtt	atccaagcca	agactgacaa	caacaaagac	240
ttccttggtg	agaagatgga	cgagaacttc	ttgtctcacg	gccaacgaca	attgttctgc	300
ctcgcaagag	ctctttctca	gaaaaagccc	cttgctcatc	ctcgatgaag	ccaacaagca	360
gcgtcgatac	acagacagac	gccaggatgc	aggaagtatt	tcgcacagaa	attctcagat	420
tgtaccatca	tcattgatgc	ccaccgtatt	gatacgctac	ttgactttga	caagggttgtt	480
gttctggata	ggggctctct	ggtggagttt	ggagcaccac	aggagtgtgt	ggcggattcg	540
ggtggtgctt	ttacgaaatt	gtatcgctgc	aacaaaggga	agaanaccga	nggctaaatt	600
gttgtgatgt	agtataatat	ttttgtgaat	gggagttcat	ttctctttcg	a	651

<210> 601

<211> 786

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 601

cttagtcgat	ggggaaaaat	gacccccatt	cagaagccga	catcagccca	gccggcgctg	60
gaateccccg	catctctctc	cgcgtcttct	actccgtctt	ctgactcttc	tacttctgct	120
tctgcttcca	ccccagccac	agcagcaatg	gcaaagacat	ttcctcctgt	gcagcctgga	180
ggcagtttaa	ttctggcatg	gcaaatcaag	cacaagaagg	tgcttggtgt	cggcggtggt	240
gaggtcgccg	ctggtcggat	cctcaactgc	ctcaatgccg	atgccaacgt	cactgtcgtg	300
tgccccaaat	ctggcctcaa	cctgaagtc	gctttccgag	ttagtgaagg	tcaagtcgcg	360
catatcgacc	gagtattcga	acccgaagac	ctggatggcg	ccagcatggg	cctggtcgcc	420
atcgacgacc	ctgcgccttc	gaccgtcatc	tggaagcttt	gcaaggagcg	aaaggtcctt	480
gccaatatcg	ncgacgtgcc	cccaagaatg	cgantttctat	tttggtagca	tccatcgcca	540
atggctccgc	tccagattat	nggtcaagca	ccaatggcaa	ggggccaang	gttggcggtc	600
getattcggc	aatttaattg	caagcaactg	ccgaagaatg	cnggtacgct	tcgagacgat	660
tggtgagctt	cggctaaatt	aaggaanatg	gntccaacct	gangatggac	caacgcgatg	720
tctggatgta	aaggtcanna	tctacaatg	ggatgaatgt	tngcttacag	acnaaanttg	780
acactc						786

<210> 602

<211> 337

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 602

cttcaaaaagt	atcagcacca	agttcagtg	aaaccttgcg	cttntcttca	ccaccatcca	60
gagctgtcac	acgcagcccc	atagccttgg	cgtactggat	tgcannnnnn	ccaagaccac	120
caactgcgcc	agcaatgaat	acgtctctgt	cagggcggaac	gttggaggac	ctgagagctt	180
tgtaaacggg	tagtccggcg	cagaggatag	gtgctactcc	agcgagatcg	cagtccttag	240
gaatacgcgc	tacatgcgct	gctttgccga	cggcgatttg	ctgaaatgag	ccatcgactg	300
tgtagccgga	tagtgaagcg	tgngaaaaaa	ccnnaaa			337

<210> 603
 <211> 552
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 603
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 acccaatgag cagcaggctg tgtggaccta cgttggtgaa gatgagaaca acaagatcac 120
 tgacttcttt tctttcttct gcattgagtc tactgctatt ggcaacacta agcacaacgt 180
 tattaagggtt gcttacatgt ttactatgg cacagaggtc ggtctgcagg agaagttcga 240
 caaggctgcc tcaaaqaacq cctcaacdat ctggtgcacg atgcccctat tgtctccaag 300
 cgtacaaaag tttagcgttt ttaacgctct gacgctgatg gacaaatgcgc tcttcttggg 360
 gcagcagaag tttagcgtct gtgatggnc aacttactac tacctgtcaa ctaccnggt 420
 naccocatcg ccgnggtgt gtcgcaagaa caacttcgac gangagaacc tgagcgggtt 480
 ggactatgat gccttgaggn aatgtttggn tggctatnag gggtgaaaga aaaaaanttg 540
 gaaggngagg at 552

<210> 604
 <211> 639
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 604
 cgctcataca catacacgcc cttcaaccaa ctatatcgcc tactctcttg ccgactccac 60
 acaatggctc cttcgacctt caagctcaac accggacagg aaattcctgc tgtcggactc 120
 ggtacttggc agtccccgc tggcgaggtc gagaaggctg ttgcatatgc tcttaaggac 180
 ggctacaagc tgatcgactg cgcctactgt tatgggaacg aagaggaggt tggcgctggc 240
 ctcaaggctg cctttgaggc tgggtgtcaag cgcaaagaca tctttgtcgt taccaaaagc 300
 ttgggtacct acaacaccg tgtcgagcta gctctcgaca agagcttgaa ggccctcggc 360
 ctcgactacg tgcacctttt cctaagtaca ctggcctctt cttctcaacc ccgagggcaa 420
 cgacgacaag ttcccaaga agcctgatgg ttcccagat gttattcgag actataacca 480
 cgtcgatggc tggagactca tggagaaact ccccgctacg ggcaaagaca aaggctgtcc 540
 gtgtttgcaa ctacagcaag aantacctt gangagcttc tgcctcaaqc aaccatccgt 600
 accaactgtt aacaaaaatc gaaaaancaac ctgagcttc 639

<210> 605
 <211> 417
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 605
 atggtagagt cgaccctgac tcaatgaacg gtaactgtgt catgtatgat gccgtcgatg 60
 gcaagattct cacttatgga ggcgccacta gctaccagca agctcccgt actgctaacg 120
 cccatgtcct cgtatttgc gagccaggat ctgttgctca gacatacctc gttggaaaca 180
 atggcgctgg taacttcgcc cgtgtcttcc atacttctgt tgttctcccc gatggcaatg 240

tcttcattac	tggtggacaa	tcatactcca	accctttcac	cgataccaac	gctcagttca	300
caccgcagat	gtacattccc	acaaccccacg	agttcaagaa	tcagcaacct	aacaccattc	360
cccgaaccta	ccacagtatg	tntctgctgc	tgcagacgct	actgtgttca	acggcgg	417

<210> 606
 <211> 519
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(519)
 <223> n = A,T,C or G

<400> 606						
cccttaataa	aadcttacc	tgaagttcc	gagtggtggt	acarggtttg	ccctctctgt	60
gctatggcat	tgggtgtttc	tggtatcggt	ggctgggata	cgcacacttc	tcttggcgtc	120
atctttttacg	gtcttgcctt	ttgcttggtc	tttgcattc	ctgtcggaat	catcaaggcc	180
atgactggta	togaggtcac	tttgactgtc	cttgccgagt	tcattggagg	atccttcggt	240
gagggtaatg	cgttggccat	gaactacttc	aagtctttcg	gctatgttac	ttgtgctcac	300
gctgtcatgt	tctccaaaga	tctgaagctt	gctcactacg	tcaagatccc	accgcgacac	360
accttctttg	ctcagatcat	tgcacacctt	atcagcacct	ttgtttgcgt	tggtgttctc	420
aaacttccaaa	tgacacaaat	ccctgggtgt	tgtaccgang	atgctcgatg	gaagatgaca	480
tgcctccagt	tcacactttc	ttcactgctt	ctgtcctct			519

<210> 607
 <211> 608
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 607						
gctgatcgag	attaccgaaa	agacacttac	acaagaggag	ggatatacga	gggaggaagt	60
tgcacaggta	ctgaacgtta	cagtagagga	tcttgagaag	cgttttatgt	ccaagctccc	120
cgtagctgcc	gaacgcttca	agctccgcca	gcgcgccctg	cacgttttta	gagaggctca	180
cagagttatt	cgtttnatga	agctcctnna	aaacctgtc	cacaccggcg	cttcggatac	240
aaaccaagttc	aacacagaac	tagggtcctt	attgaacgag	acacaagcat	catgccgcga	300
cccttatgag	tgcagctccc	ctgaattgga	tgagatttgt	gccatctctc	ttcgggaagg	360
ttcttacgga	gcgcgagtga	ctggtgcggg	atggggaagt	tgcagtgtgc	acatggtgcc	420
agcggataaa	gtacgagcaa	gtgacgccgt	gctctaaana	aggagtnttt	tgcacaaaag	480
gaccttacgg	aanatcaaaa	aaagggggct	tgtggtggtg	aatcnaccaa	cgacagggaa	540
gtgccatnta	ctacgtccaa	aaatgggggt	gaaaccttga	ngggtngatc	acctgaacac	600
acaagtgg						608

<210> 608
 <211> 577
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 608						
aaacactact	gactgacccg	taccctgact	cgtaccttaa	tactgtctgc	tttacttttt	60

tactttactg	cactaatcac	tcgagaacgt	tgacgcctca	tacctcgcgc	ttatcgctcg	120
cattcgcttc	ccaaaccgaa	aactttcacc	aattctaatc	acaatggccg	acgctcacgc	180
tcccaaggca	gagtctcccg	ttccccggga	gaagctcgan	gctcagatca	agtcgcgcga	240
tatgacggag	gatatgcaac	aagaatccat	cgaagttgct	caggaagcca	tgcccaagtt	300
caccattgag	aaggatattg	cacagcacat	caagcgaacc	ttcgacgaac	gaaaaggact	360
acttggcact	gcattgttgg	acgcaacttt	ggcagctttg	tcactcacga	aaacaancac	420
ttcatctact	tctacettgg	ccactgcgca	atttactatt	caaaccata	ggcatgggag	480
catgctcacc	attggggcct	tggaagatnt	gctgtacgca	gaagacantg	ggttggacga	540
anaaaaaaag	caaggattcg	gcattggcaca	aaactca			577

<210> 609

<211> 601

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(601)

<223> n = A,T,C or G

<400> 609

gcgtcacctc	tcagtcaaac	aggttgtgaa	ggataaggag	tgccatgaag	gatggagcga	60
tgagttccac	agctggatcg	tggatgaaga	caagctgctt	gatgctattg	aagacgatgt	120
caaggctggg	ggatgcatca	ttgattggca	cgcattgtgat	cttttcccc	agagctggat	180
agatctagtc	gtggttctac	gagttgattc	ctcgacgctc	tatgaccgtc	tcacagcaag	240
aaactatcct	gattccaagc	ttcaagagaa	ccttgactct	gaaatcatgg	aggttctctt	300
ccaggaagcg	catgaagcat	tcgatcagga	gattgtcacc	gagttgacaa	gcaacaattc	360
agatgagatg	gacacaaaca	ttgatcgcat	agtcgcctgc	tcgaccaatg	gaagaaggac	420
aacagcgaat	aagaagggtc	ttctaaaaaac	aagtttgang	anaaaacaaat	tcgcttcang	480
agttttgcaac	tacgttgang	cctggactac	nggtaccgta	tggatggaca	tggttggggg	540
gaaaatanat	ttttgataaa	aacctagggc	angctacglt	atgaaatggc	atgaatcggt	600
n						601

<210> 610

<211> 444

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(444)

<223> n = A,T,C or G

<400> 610

cgccatcaact	tcttttatgg	tgacctgtgg	ggtaaccgct	cgcccatcgc	cgatcccaac	60
atgaagggtg	gcattgatcg	gttagacagc	gacaagagca	ccgacaacat	ggctctgtgg	120
tactatgcca	ccatggagtt	tatcgctatg	cagactcgcc	agattatcga	gcagatgaac	180
aattctggtc	atgagatttc	atccatcttc	atgtctgggt	ctcagtgcga	aaatcctgtc	240
ctcatgaacc	ttttagccac	tgccctgcgga	atgcctgtcc	tgatcccaag	atacgtcaac	300
gtgggtgtcg	ttccaggcgc	tgccatgctc	ggcgcauung	cagcaagcca	tacaagggaag	360
atgggcagtga	cccgaaatctc	tctggacata	atggatcaca	tgagttanca	agtcgantgg	420
tcgatctaac	cacgacnaag	atga				444

<210> 611

<211> 623

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

<400> 611

gcaaaagact	ctgaatgcag	gccaaagttg	catgtctcat	aactacatcc	tcgtcgagag	60
aagtgtcctt	tctccattcc	ttggagaact	taacaatcaa	ctgcgaacct	ttttcccca	120
gggtgccaa	aacagtaccg	atctcgcgca	tatcgtcagt	gctagtcact	tcaaccgtct	180
caagaagatg	ctggacggaa	ctaagggcaa	gattgttctt	ggaggatcta	tggacgagtc	240
taccctgttc	atggagccaa	cggcggttct	tgttgatgat	gttgaggata	gcatgatggt	300
tgacgaggca	tttggcccca	tctttgcaat	catggcagtc	gattctctag	accaggctat	360
caacatcgcc	aactcggttg	acccaacacc	tctctcactc	agcacctttg	gaagcaagga	420
tgaaaacaag	aagggttctg	acaatgtcac	ttcagggtgg	gctacatgca	acgacgcctt	480
ctttcactcc	cagattcccc	agtctccgct	gggagggtga	ggccantccg	gaatgggcaa	540
ctatcacggc	atctactcca	tcaggacctt	canccaacaa	gcgcaactat	cgcgagggtc	600
cttactggg	gctgatgccc	tgt				623

<210> 612

<211> 872

<212> DNA

<213> *Fusarium venenatum*

<400> 612

ggaaagtttc	cogtctcgcc	tgatccttat	ctggacacca	agaactacac	ttgtgatatg	60
tttgactggg	gttacgctgc	tgctcttgac	cagaaccttt	gcttcaacat	ctatcacatc	120
actgatactt	gocctaccac	ttacagccat	ctcggaatag	tcaactcggg	cgactattct	180
cctcctgggtg	ctgaagtcta	cttcaaccgc	acagacgtca	agaaagctct	ccacgctcct	240
gtagacacta	cctggtaaca	atgcactcgt	aacaatgtct	ttggtttcgg	caaccccaat	300
tccactcgca	gogacacatc	tctcgctccc	gcccacaaacg	gcgtcctcaa	gcgcgttatt	360
gagcacacca	acaacacccat	categgtgta	ggtcgcttgg	attacattct	tcttcccaac	420
ggaacacttt	ttgctctgca	gaatgtaacc	tggacggaa	agcaaggata	ccagaagtat	480
cctcaagaca	agcagttcta	cgtacccttc	cacccggaag	cacaatgggtg	gacggctcag	540
cgaggcgggc	attgttggac	agtggggata	tgagccgtgg	cttgacctac	tacgaagttc	600
agctcgccgg	acatgagctt	cctggataca	gcgcgggtgc	gggataccgt	gttgttgagg	660
ctctgcttgg	aaggatcaag	aacctgggag	ttatcgaaaa	ctttaccaca	caaaagggtg	720
attatcaggg	taatggtaca	tcgatgagta	tgaggggttt	gaacctcgctg	gaacatcctt	780
atggacccaa	ctactattaa	gagggcgctt	agtttaatgg	aagtctatct	aaataattaa	840
aagaaacgaa	tcatgttttc	caaagaaaaa	aa			872

<210> 613

<211> 633

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(633)

<223> n = A,T,C or G

<400> 613

gagaattcgt	ctggaagggt	ctgggaaggt	ccaaagtcag	tcaactctgc	ccctaaaagg	60
catctctaga	ctttgggggc	gattcaatga	gttgaccatt	ccttactata	ttcgagttcc	120
tggttttaag	ctgtattctt	ggatcttttg	tgtcaatctt	gacgaagtgc	ccgaacccga	180
tcctcatgta	tatcctaacc	tgcacacctt	cttctaccgc	actctcaagg	ccgggtgcgag	240
accgctcgac	caagatcctc	atactctcgt	ttgcccctcc	gatggcaagg	tcctccaata	300
cqctcagata	caaggcggtg	acatcgagca	agtcagggtt	atgaacttaca	ccatcctatc	360
ctctccttga	aagaacacac	ctcctgcaag	cattctgggg	acttgtggca	ctactacacc	420
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gaattcctca	ggtcaatggc	atttngtaca	ctntttccga	tcttcttttc	ngnactggaa	540
aacgtggctc	ttcantaaaa	ggatgagtn	atgcccnat	ttctcggnac	aagtttntga	600
agttggcncc	caactccttt	ggngaacca	cct			633

<210> 614
 <211> 685
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(685)
 <223> n = A,T,C or G

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gogggcgagat tgtggacett tacgtccccc gcaagtgcag tgccaccaac cgcacatca      120
aggccaagya tcaaggntct gtccagatct ccatcgccaa ggttgatgan aacggccgtg      180
ccgtccaggg cganaacccc qtctacnccc tctgggggtt tcttcgagcc atggggcgaga      240
gcgacnactc cctcaaccga ctggcccaga gcgatggcct tctnaagagc gtctggagcg      300
gacagcgata aatcaataaa gcgaatggaa aaaagggttt tgggttcggg cacgaaggca      360
atgggtgaaa gaaactaggg ttggctgcat ctaacaaatc cacttcgagg cgttcggctc      420
gattttgaga caacattacg atatcccgaa tccgtgtttg aagatgtgat gaactggtta      480
cactccccc cgtacggct ggcgaaagtct cctcggacag acttcacaag tcaaccact      540
ccgaggatct tggggctact ccgatagtct ccatgccgca gattgactag gctctgaaaa      600
agccgtagcg ctcaagtcgt ttgctatggt acagatcggg tctaactga attttcaatt      660
atgtgattat cttgngaaaa aaaaaa                                685
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<210> 615
 <211> 517
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(517)
 <223> n = A,T,C or G

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<400> 615
cgacaagatc gagacacata aggccaacgc ttggctcctc aacaccgggtt gggtcgggtgc      60
cggtttctgt cagggcgggca agcgatgcc cctcaagtac acccgtgcc tctctgacgc      120
catccactct ggcgagctcg ccaacgttga gtacgagaac tacgggtgtct tcaacctcca      180
ggcccccaag acctgcccc aacttccttc agagctcctc aacctctcca aggtctggac      240
cgctggcgag gacagcttca acaccgaggt tgtcaagctc ggcaagctct tccgcgagaa      300
cttcgccaag taagagagcg aggccaccga ggaatgtctc aaggctggcc ccgttgtnta      360
aggaaaagga taagaagggy aaaaaaggga aagcgatctt ttttttngga tgaatttgag      420
caactgttta ccatttgggt ccngcgtcat tacatggngg ncattaaccg gntgcccttt      480
ttttttaatt ttatatTTTT gaanggggtt tttttt                                517
```

<210> 616
 <211> 605
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

```
<400> 616
atcatctcaa ccgactccac cgcgcgccaa tacctcaata gcaacctctt cctttcgact      60
cacacataac cgcaaatatg ttccgatccg ccgtttctcg atctctccgc gtccgcggcc      120
gacggggcgc catccgctcc ttccgtgctc ccccgctcgc ttccgttgcg gtccccaana      180
```

tccagagctt	ccaggccgtg	cggttctaca	gtgccgngg	tgcgctcaac	aaggaggagg	240
tcgagggcgg	aattatgagc	ttgttgacgg	gcttcgataa	ggtcaacgat	gtttccaaca	300
tcaagtcctc	cgctcacttc	gccaacgacc	tcggcctcga	ctctcttgac	accgtcgagg	360
ttgtcatggc	tatcgaggag	gagttcagca	ttgagatccc	cgacaaggac	gccgactcca	420
tccactctgt	taaccagggt	ggtgagtaca	tccatgaacca	gcccgaacgc	aactaaacgg	480
gttaactctc	catatacccc	caattaccgc	gcataccaaca	acctcttttt	tctgggtctt	540
tccnccctnc	attcttggac	aattatntta	acctnttcat	ccaatccaat	aacgccgaac	600
cccgg						605

<210> 617
 <211> 577
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 617						
ggaaacagct	taggtatgag	gacctgatct	gaaagcaaaa	tacaagacaa	catcatttcc	60
cctcttcttc	ttaaaccctc	cttttctctc	tttcccttct	atattcccca	tcctcatcca	120
tatatcgata	aaatggctcc	tgcaaactct	ctccccgctt	ggtctgacct	ccagtcgcac	180
cgcgacagcg	ttggcaagtc	cttcgtcctc	aaggagcctt	ttgcttctga	ccctcagcgc	240
ttcgaccgat	tcacccgcac	ctttacctct	ggtggcgctc	gctccgagat	cctcttcgac	300
ttttccaaga	acttctctac	cgatgagacc	ctcgacctcc	tgttcaagct	cgctgagcag	360
gctggcggtg	agaaaaagcg	cgatgccatg	tttgctggcg	anaagattaa	cttcaccgaa	420
gaccgcgccc	tctaccacac	tgcttgcgaa	aggttggtgg	ttgggacatg	aaagttgaag	480
gcgttgatgt	tatgaacaca	cagggcggng	tcaacaatgt	cctccaacac	atgaaggagt	540
tttctgaaca	ggttcccagc	ggaaaagtga	aaggatc			577

<210> 618
 <211> 619
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 618						
aagtcttctg	ccccatccag	gagcacatca	accqctctgt	tqcaattcga	gcgcaggctg	60
acatcatggg	ctctgacctt	ctcgccattg	cccgactctg	cgccgaggcc	gccaccctcc	120
tttccacca	cattgacccc	cgcgatcatg	ccttcactct	aggctccacg	aaccgcacac	180
tcaagcctct	caacgatctt	atgatcgctg	ctgaggctag	tggtaaatct	ggtgttgagc	240
tgcaacgtat	tgaggacgag	tggcttgccc	aaggcccaat	cttagcaagt	ttcgacgatg	300
ctgggtgctg	cgcgccattg	ggcggggttc	ttttcttntg	ataagacttg	gcctctaaga	360
aaaaaaatat	tattttccaa	ggtaangggg	ggaaagaagc	aacttttgag	ggccaggggc	420
ttgtctctcc	tgcaagcttg	aatccggnc	ggggaatatt	tttttttttg	gaatngggga	480
atgggttccc	cgggaaaanc	ccaaggctac	tccgctttaa	agtggatgtn	attgcccatg	540
aacgggncat	acatatgcac	ctttatttga	accncttgg	atgagncaan	tgccccatcc	600
ccnnacccaa	angtcccga					619

<210> 619
 <211> 450
 <212> DNA
 <213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(450)
 <223> n = A,T,C or G

```
<400> 619
gatactgtga agcgcaagat gactgaaggc gatggaatgt cactgggtga atttatgtat      60
cctctccttc aaggatggga cttttggcac atgtacaaca aactcggnat tcagatgcag      120
attggaggct ccgaccagta tggaaatata accgctggta ttgatgccct caagaccatt      180
cgcgaaaccg aggaggctcc ccacctgaag atgccgtcga catgggacca tgagccagcg      240
gnttcactgt tcctttattg actgatgctt ctggngccaa gtttggcaag agtgcaagaa      300
atgctgtctg gctcgatgag ttcaaaacaa cgccattcga tctgacngat ctttggccac      360
cctcaaccac gagggggaga ggcttttaag ctgttacctt cttcctttgg aacaatctcc      420
aaatatggng gancccgacc attnccaaga                                     450
```

<210> 620
 <211> bbb
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

```
<400> 620
cgccaagagg gctgaccctt ggctccagaa tctctaggtc ctctaaaacc tcccgttttg      60
gcatttccac agactcgtag cgcatacacg ctccctttgtc aagagctcgt ccacnaattc      120
gtccatgtat gacaacttta caccttccct tcctctccgt ctnagtgttg gcctatcttc      180
gagaaaagggt tccagcatct cgtaaacatt ctttgcttgc cgtgtgagtc ggaagtaaaa      240
acacgcaagt gcgcgcagat atttgaaggc ttcaacggcg aatttgagat attccagtaa      300
taaccgcgtcg ctaggcgaaa gctcgagaag cttgaaggcg aggcacaaaa acggactggg      360
taattgtgtg gtccatatgt aactccaata aactttgaca tctcgacaaa cgcgatcgac      420
aatatcggtc tngttgcacc caaaacattg cattttgtaa tatatcgagt cgacnatgcg      480
gnccctgaen ggctttttcc attataatcn caagggttga aggcgcgttg gcccaccccn      540
aaatattgga ccc                                                         553
```

<210> 621
 <211> 650
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(650)
 <223> n = A,T,C or G

```
<400> 621
ccgcagccca ccgtcaaggt cgaaaaaaaa atcaccaaat ctatcatact aacccgacca      60
aaataaccgc agcccaacgt caagatgggt tcgcacaaga agcaagtcct tatcgtcaag      120
aagtgcaaca agcgcttcga acgacaccag tgggatggtt tcatgagagt agacccctca      180
tggggtgaagc ccaagggtat tgacagccga gtccgpcgtc gattccgttg caccattgac      240
atgcctctata tggggtacgg atccaaccag aagatccgtt acatggcccc ctccggtctc      300
aagggtctct cgtcagcaac aaatcagatg ttgaatctct ctttatgcat aacaggaccc      360
atgctgcoga gatcggccac aaacgtctct ttcnagaag cgagttgaga tcatcgctcg      420
tgcgaagaaa ttggggagtc aaagncaccu accccaaggc caagggtanc accgagggtt      480
aaaangaaat ggatcgggtt ttggggctgg tttaangyta tgcattcgaa gggggatttg      540
gttacttggg ggtctggcca taaatcatgc atgctagaaa ataaaaacc ccggtgaaag      600
acanggcact ggnattttaa ccgttnaaca gcaaattttt tggagtntaa                                     650
```

<210> 622

<211> 610
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 622
 cttcaattgg gtttcaccac tctcgcatat ataggggaca ttgacccttg gtcacttcaa 60
 cttcacatca tacacaatgt ctacacacga aaaggaacac aacgtcgctc aggcgtcttc 120
 anaaacgcga gactcagatt caoctgctcc cggttttcgt cccaaaggat ggatgtacaa 180
 gactattcgc ctgcggcgtc tagagctctg gtacgcctca cctaaagtc aactcttcat 240
 ggtctccatc gtctgcttcc tatgtcccgg catgttcaac gccctgacgg gtcttggtgg 300
 cggggggcag gtctctaaag agggcccaaga tccggccaac acagctcttt acagcacatt 360
 tggcgtcggt gggttctttg ccggaaacttt tggcaatagg ctgggactga gactgactct 420
 atccattgga gggtcggtt attgngttna cgctgcttcg ttcttgngtt actcgcatac 480
 tcaaaacatg ccttttgctg tctttgctgg tgccctgctt ggcgtttgtg ctggactttg 540
 ngggtgcta aggcntatc atgatgttta tctctgaca aaacaaggga caaacatctc 600
 tggtttggnn 610

<210> 623
 <211> 660
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(660)
 <223> n = A,T,C or G

<400> 623
 cactctcacc tccaatctcc atctctctct tttttgtatt attctccatt ggcgtgggag 60
 tctaattctgc tgtgtcttga atcattctct tctcgtata cctccacat aacaatacac 120
 atacacaaca atggtctcta gagtgattgt cgtaggcggt ggctctctg gtctttctgc 180
 tggcgcacacc atctacctgg ctggcgggcaa cgtcgttgct ctgcacaagc agggcttctt 240
 cgggtggaaac tctaccaagg ctacttccgg tatcaacggt gctctcacia gaacgcaagt 300
 cgacactggc attcccgcga gcgtcaagca gttctacgat gatactctca agtctgcccg 360
 tgacaaggcc cgtcccgaac tcatcaaggt cctcacctac aagtctgctg ctgccgttga 420
 atggcttcag gatgagttca acctcgaaact caactctggt tctcgtctcg gtgggtcactc 480
 ccagccccga accacccgag gacacgatgc caagtccccc ggtatggcca tcacctacgc 540
 cctgatgcac cgtcgagga cttggcagag caacccgggc ggttcgagat catcaagaag 600
 gctcgcgtna ccgagcttaa caaggagggt aacaaggnc aagggtgtca agtaccacn 660

<210> 624
 <211> 750
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 624
 ctttgattca caaggagcga cgacccatcc gattcaccga gcacgaaaac gcgagtatga 60
 tggttggttg tgacgtttcg aaccgcctct gcactctggt cgacgacatt atcgacacgc 120
 gtaacaccat cacacgagcg gcgaaacttt tgaagaagga gggcgctact aagggtttacg 180
 cctcgtcacc acatgggtgtc ttcagcggcg actccattgc tcgaatcaat gcttctctc 240

ttgacaaaat	gctgggttacc	aactccgttc	cccaagaaga	gcacgcgcga	ctatgccccca	300
agctcgaagt	acttgatata	tcgcccgtat	ttgccgaagc	cattcgccgc	gttcaccatg	360
gagagtccat	cagcgtggtg	ttccagcaca	actaangtgt	cggtatcgca	cttacgggtt	420
gtctacaaaa	gtcccgcctc	gattacttan	gggcgtgaag	aatgtttgaa	agatctgacc	480
gcggaacang	caaataccgc	tttttgccat	tgatgtcgca	ggatcttata	cctccttgca	540
acacatttaa	atgaactggg	atgttcctat	ttggaattta	ttggggcaca	tcatactat	600
attgcatatg	tcattcgnc	gatatngctt	actgggcatt	ttcttttctt	gacgttttnc	660
atttacactc	gtctacgtat	notgataagg	aatgggggtat	cacacaaccn	tgtgtgaana	720
gggtatngga	ngaaagggat	tnttnaccgt				750

<210> 625

<211> 414

<212> DNA

<213> *Fusarium venenatum*

<400> 625

tggagttgco	acacccgcgc	acgcggcgct	catgatgcag	ctcggtcgcg	acgggtgtctt	60
tgctcggaagc	ggaattttca	agtctggaga	ccctgccaaag	cgagccaagg	ctatagtgcg	120
agccacgaca	cactttaagg	atgccaaagg	tcttgccagag	actagcacgg	gacttggcga	180
ggccatgggt	ggaatcaact	gogatagcat	gaagccagag	gagaagcttg	ctggacgagg	240
atggtaaaga	aaaaaaaaatt	gtttattggc	gttcgaggag	agggtttatt	caacatgaaa	300
aggaaatgaa	tggttaaaga	aaatagtgc	tggtggagag	gatacaacat	ctctgggtga	360
tgcataagac	ttagcgggtg	tatttgcacc	ataatgaata	ctttttaaga	cgaa	414

<210> 626

<211> 548

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(548)

<223> n = A,T,C or G

<400> 626

cttcaactcg	acatctgtct	ctgactcaag	tcttatgtat	agactcgcag	caagccgata	60
gtttctcaaa	caaaagattg	gatattttat	aactgctctt	gttgcatctc	gcgccatgca	120
tatccagtcg	attcctatgt	gggaggggaag	ctccaacaac	tacgcctact	tggtagttaga	180
cgacaagtcc	aatgatgctg	tcattcattga	tcccgccaac	cctccagaag	ttgcaccgat	240
tctgaaggat	gctattcaag	cgggcaagat	caacttgaca	gctattgtca	ataccatca	300
ccattgggat	catgctggag	gcaacaagaa	gcttcttgcc	gaactcggca	cccccaagtt	360
ggatatcaco	ggcggcaag	actgcgaagg	cgtgaccaag	acccctggta	cggcgagaa	420
ttcaagctgg	gtgacatc	tttcaaaagg	gtgcacacgc	cgtgcacac	tcaaganagc	480
atctgcttct	togtgcaaga	tggaaaacgac	aagntgtttt	tactgggtgaa	actttgttca	540
tccgaaga						548

<210> 627

<211> 627

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(627)

<223> n = A,T,C or G

<400> 627

ctttctctcat	ttcttttctg	cgccccaaat	ggctaaaaacc	aagggtcaaa	gcatacaagaa	60
caaagtttgt	aggaaaccca	atgttccttt	aaaggcattg	cctgtgacac	tcctttctgg	120
attccttagga	gcgggtaaaa	caactcttct	tcaacacatc	ctccgaagtg	aacacggcct	180

tcgcattgca	gtgggtgggtca	acgacatagg	agctatcaat	gttgatgcat	ctctcatcaa	240
gcaaacecat	cgtgtcaaca	aaacacaaga	gaaagtcat	gcccttcaga	atggctgcat	300
ttgctgtacc	ttacgaagag	acctcctaga	agagctgggt	cgactcgctc	agttacaaga	360
gtttgactac	atcatcatcg	agagcagcgg	gattagttag	cctgagcagg	tcgctgagac	420
gtttgactcg	cgggtggcgg	ancaaataga	tgccatgggg	tctatcgaag	gtgcacctgg	480
gcttgacgct	gacatgatca	aagttctcaa	tcagctaaaa	gaaactgggtg	gtcttggaag	540
agtttgccag	gctcgatacc	ccgttactgg	cattgatgca	ttcactatgc	tccatgactt	600
tgacacaagt	gaccttggtt	tcttttn				627

<210> 628
 <211> 517
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(517)
 <223> n = A,T,C or G

<400> 628						
tgaaggagaa	gacttgactc	aacagttcat	tgtcaatcat	ggaggctttc	aagactcacg	60
gaggcgctcag	tcccattccc	actgtcatcc	ctgaaccaac	tcactaccaa	accatcggcc	120
acaatggcgt	tcgcgtctca	tgggttctct	tcgtcgccat	gaccgtcgtc	tccgccatct	180
tcgccattat	gtcatggaac	gtcgccgtcc	agcgccgcat	tttctacttc	ctgtccacct	240
tgaccaccat	catctctgcc	cttgccctact	tcgccatggc	ttccgggtcaa	acctcgtact	300
tcaactgcac	cagcgtgcgc	gaccaccaca	agcaggtccc	cgacaccaac	acgatgtctg	360
tcgccaaagtc	ntctgggcgc	gtacgttgga	ctgggtctct	tccacaccan	tctgattggt	420
gagcttgctt	gttggtgggtg	ttgatgggtg	cacacatcat	ggcgctcattg	ctaattgtcac	480
cttgctctcg	ctggggcttc	tctgcgtcgn	catgcaa			517

<210> 629
 <211> 435
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(435)
 <223> n = A,T,C or G

<400> 629						
aggaaaagga	ccgctgcaag	cagtgtaacg	gaaagaagac	cactgtcgac	cgcanggttc	60
tcacagtcba	cgtcgacaag	qgtgtccgca	gcggcaccac	ggtcgagttc	cgaggcgagg	120
gtgatcaanc	accgggtggt	caggctggcg	acgtcntttt	cgagatcgag	canaancccc	180
atgctcgttt	caccgcgtcn	gaanacgata	tgctttacaa	ctgcgatata	gagcttggtt	240
cagctctggc	tggtgggtacc	atctacattg	ancacctcga	tgaccgatgg	ctggctggtg	300
atctctctcc	tggggaggct	atctctcaag	acgtgtgcaa	aatnattcgc	ggcaangtat	360
cttccccaaa	gcaccacgac	tttnggcaac	atgtacatca	agttcacgtc	aaagttcccg	420
aaaanaactg	accgt					435

<210> 630
 <211> 359
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(359)
 <223> n = A,T,C or G

```

<400> 630
gtcgggacca ggaaggtcgt ccagactgnc taccctctca ttgacaacga cctcacttc      60
aagcgagtcg ttggatatgc ccgaacctcc gattacctng ccggcaccgc cgctgccgct      120
tttgctcctg cagccctcta tgctcttgag aagtttgccc cgtcacacgt agggaaaagg      180
ggtttcgcta aggcctatgcg attggccgga ggcctcgggtg tcttgggcgg ntttctctac      240
ttntacccaa gateggccct ccgatctacg gtgctactga gaactnccgc gaaattcana      300
tngacatncg cnagatgggt gncaangtta agaangngna gcctctgtat ggagttagt      359

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<210> 631
<211> 647
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

```

```

<400> 631
ccaaaatttc ccatttctct ccttgacttc accttctctc ttttttctct aaaccccccg      60
tttctagcat catcattggc tacttctctc atctcgaatc gccaatttat cgtgcgtgag      120
aattcgggtcc tgtgttgata aaaccgtgac ctctctctta atcttcgtct actctcgtta      180
cgacacctat tgacacgcgt ctctcggtat atccaacccg cactttccta caagtccttc      240
cacttcgaac gttcttgata ttccaatatg gcttctctctg gcagcgnagt cccagcgtt      300
ggncctctct gcctcgccca ccaacgttcc ttctcagcca ccccnngctg ctgacaacag      360
gaacattgtc cgaagaaagc tcacgggcta tgcggggttc gccaacctgc ccaaccaatg      420
gcaccgaaag agtggtgcga aaggntttta ctttaatgtc tggtcgttgg tgaatctggc      480
cttggcaaat ctacactggg tcaacacctt gttcaacaac tctctctaac ccccccaagg      540
aaacgcaagg ggccccagcc tcgacattat tcccaagacg ttaccatcca ntccatcagc      600
gocgatatcg aagaagctgg tgttcgtctt cgcctcactg tcgtcga      647

```

```

<210> 632
<211> 1044
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(1044)
<223> n = A,T,C or G

```

```

<400> 632
nccgtctggaa catnattggn ggtilleggna tgggntgccc tctctcttatg aagntnggca      60
agaaggcaact canggaaccg atcatgcccg gtattctcag nggcagagaa gcnaatctgc      120
ttggctatca ctgagcctga tgcctggcagt gatgttgnc aacttgacatg cnaggccaag      180
ttgagtgagg atggaaagca ctatattgan aacgnggaga agaagtggat caccaacggt      240
atctggtaac gactacttta ccgttgctgn acgaactgga gaggctggaa tgaacggcgn      300
gtctctgctt ctatattgag gtanccagggg tgnctagncc cgacgtatgc cctgccaagg      360
tgtctctctt tcagqcacaa catatatcac ctttgaggac gtcaaggtec ctgtcgagaa      420
ctctcttggg aaggaaaacc aaggettcaa ggtilatcat accaaactta accatgagcg      480
tatgggtatt atcctccagt cactccgatt ctctcgtggt tgctacgagg agtccgtcaa      540
gtacggcagc aagcggcgca cctttggcaa aaaactcact gacacccctg tcatccgtat      600
gaagcttgcg catatggccc gccaaataga ggcttcgtat aactggcttg agaatctcat      660
ctaccagtgc gagegcgatg gggagaccga ggctatgctg cgacttgyag gtcccatcgc      720
tggtctcaag gcacagtcct cactcacttt tgagttctgc gcacgagagg ccagtcagat      780
ctttggaggc ctgagctaat ctcggtggtg acagggcgcc aaggtagagc gactctacgc      840
tgatgtgaga gcgtaacgta tcccaagtgg cagtgaagag aatatgcttg atctcaacat      900
gacacagagc tttgagaatg gcgaaggcgg taagcatgaa actctaaaag aagttgggat      960
taaattgtct gtatgaatac tgnacctcat tngggagttt tnaagtattt attggaatat      1020
taaccatggc ttggaatatg aagg      1044

```

<210> 633
 <211> 573
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

```
<400> 633
cgaactctac aaagaatccc caactctacc caggaacccg aactcttccct ccgcatcatg      60
aacgcgaacga acagcgaant cctcgttgcc gcttcagcat gaaatttttg gtgctgccat      120
gggaacacca ccgaagggtc tcttcgcgcc ctgggccaaa ggaaccttgg gtctcaacgt      180
tgtttggggc ttcagcttcc acgttggctc tgggtggctc cgaacctctc ccttctacaa      240
aggcgcgttc cgaagccccc gccgttttcc aacaggccac cgacttttgg gtnccgccat      300
cacacccttg acnttggttg tggcttctgt ggcgaaacct ttgaagccat ggccaacgtc      360
ctccgtggcg ctctcgatga attcttcccg cctcacagcg gcgtcganat catcgccgaa      420
nctggtcgct actatgttgc tacgggcttc accatcgctt gcaacatcat cgctcgccgc      480
accgttgaag acctactctc natggaaaag gttacatgct ctacgtcaac aacngtgtct      540
atggaaactt ctccaacatc atgtttgaac aac                                     573
```

<210> 634
 <211> 361
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

```
<400> 634
attgccatca ctaaggctca tatgaagctg ccagaacttg ctgagagtgt caaggctggg      60
cgactggtgc ccgatggcaa agtgtgcctg aacgatcagg gtgaattggc tgtcaccaag      120
tttgccgtcg agccggtctg gtatctgcct ggcgtagcag aacgatttgg tatcgatgag      180
gccactcttc gacgttcgct gtccgaacac actgggtggaa gttaccacaga gctcattact      240
cgnggagaca tcaaagtctt nctccaccca ttgggggtct caccgngtct gtttcggaac      300
cctgnaaaat gtcggacnat cgggtcaattg ttntgaaaat cacaacaggg cacggggcca      360
c
```

<210> 635
 <211> 316
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(316)
 <223> n = A,T,C or G

```
<400> 635
agattacaac ctcaactcanc tggatcgctc gccaaaactgt agaggngcgn actaacatng      60
tatgggngga ggggtgtcctt gaatatgenn ccttaccacg cgaaggcncdc gaaattatta      120
ccaagaacccg accccctgtc tnttggcctg tcaaggggcga ggttgatltt gtnaactata      180
gcacacgtta tcngnagggc ctggacttag tgcacaanaa tattagcctc aacatcaagt      240
cncacganaa gatcggcgtt gttggtcgca ctggggcggg caagtcactc ctcacactcn      300
ccttgttccg tctcat                                     316
```

<210> 636
 <211> 468
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

```
<400> 636
gcaattnaac catataccnt ggagcgcgca ttgtcaaatt actgccaaaa aatcactcaa      60
tcaagacgag aaagctcttt ttataaacat aatatttnaa catgtcgtgg gcgggggttna     120
agaagaatgt naaccgcgcg acgacgcagg ttatgatgaa gacggggcac gtggaaaaga     180
caaacgatcg cgattatgaa gtcgaagaaa ggcgattcaa gaccatggaa gcagctgctt     240
tgcgactaca aaaggaatca aaagggttate tngattctct acgagctatg actgcttngc     300
aaaagcgaat tgncgaaacg atagatgcac tntatggcga cgcangtgcg gaaagancgg     360
ngtttagcagg agttacaaaa cangcagtnt gaagatntaa cgcgcgaaaca tcaaagcctt     420
agacgggcna taccggaaca ctntcttgac cccatcacac gaatttgg      468
```

<210> 637
 <211> 650
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(650)
 <223> n = A,T,C or G

```
<400> 637
agcaggactg gaacgaacca aacacaaatga acggcacaca atcggttggt tgttcagatt      60
gcattggctc cgccattatt ttcatctcct atcagaccct tgccttcgtg cgctgatatt     120
tgccgcatac caagatacat tctgggccat cactaacctc tttctctcta ttctagatct     180
caccaactct cggccatggc ccaactcccc tcactctcgt ccgtcgaaga cgccgccgaa     240
aacactgcag acgaggaaga ttctgaagac tactgcaaag gtgggttacca cccagtacag     300
gttgagagaga agtttaaaga cggaaaatac acagtcgttc gcaagctang atggggccat     360
ttctcaaccg tctggctttc ccgagacaac accaacggca aacatgttgc tctcaaggct     420
gtccgctccg ccgcccacta tnccgagacc gccatcgacg anatcaagct tctcaataag     480
antgttcang ccaagcccga ccacccangt cgcaagcatg ttgtgantct tttggactcg     540
tttgagcaca anggaactca tggcncaccc tntgtttggt tttcgangtc ctangananaa     600
acttgctccg gctcatcaag gtttggaacc atcgtgggtat cccatgcctt     650
```

<210> 638
 <211> 589
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

```
<400> 638
ttaaagagcg acatcaagcg cagcgaagcg tttdaggtcg atttgcgcga atttctggat      60
gatgctctgg tagaggcctt tgatcttoga gaaaqtatgg atcgtaacga agagcaatca     120
gatcccagct ctaaggagtg gtggatcttg aagccaggca tgagtgatcg aggccagggt     180
atcaaactct tcagttcgat ggacgagctc cagaacatct tcgatatctg ggaggaggac     240
cagcccgata ctgacgatga agaggaggtc gctgacaatg acaacaatgg tgacggcatt     300
acaacctcac atctccgaca ttctgctcgg cagccatata tccacccacc tctacttggt     360
```

gatggcgaaa	agcgtaagtt	ccatatccgc	acatacgtaa	tgtgcaccgg	aagccttgat	420
gtctgggtct	acaagcatat	gcttgcgctc	ttcgctggca	agccatacac	tgcaccgcga	480
gatgcacaga	agacattgag	tcttttctga	ccaacacatg	tcttcnagac	tcgccaaacn	540
anaacactgt	tcgtcnnttc	ctggggacct	gcctctatca	agcgacatg		589

<210> 639
 <211> 582
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(582)
 <223> n = A,T,C or G

<400> 639						
gttgctttat	cttcgacgag	aaqgtcgagg	ccccgcact	caaggaggag	ctccagaagc	60
cttaccgcga	gatccaggcc	aaggcccga	ttattgccaa	ggtcagccag	gagtgcgaagc	120
ttgacgtcaa	cgaggaggaa	tatgcgcaga	agcttaagtg	gcagcttatg	gagacgggtt	180
acacatgggc	ccaaggctgt	ccatttgctg	agatttgcaa	aatgacaaat	gtctacgaag	240
gctcacttat	cgtctttt	cgctgtctgg	aagagcttct	gcgacagatg	gcccaggctg	300
ccaaggctcat	gggcaacgag	gatctgacca	agaagttcga	ggagagtctg	tccaagatcc	360
gcagagacat	tggtgcccgc	cagagtctgt	actataaagt	cccctttgct	cgtagaataa	420
aatgctacaa	ggggcagcca	cgaaaagggg	gatgatatgt	agattctgan	ttatcattac	480
tggttaaggag	ttggcgctcn	ggaaaagatg	ttcaattanc	tgtgatccgg	tancaattcc	540
ttctggccat	gttgggaaca	aaccgggtcaa	anccaggaat	cc		582

<210> 640
 <211> 639
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 640						
gaacctgggt	tttttcaata	agatcagttt	cgtcnacccc	aaantggagg	aagacagacg	60
acagaccgat	ctcggcacag	cagccgatat	cgaagaggcc	cagctcgctc	aggctagccc	120
atcccccgcc	attgaaaatg	agacagagtc	agcaacacca	cagaacgggg	ccacgccgnt	180
gaagcngccc	aanaagagat	ttgtaggaaa	aagaatcgct	aatgagggtg	ctgcaaanaa	240
tygatcylcy	ggggctgctg	gtgcaagcgg	cactgtcgca	actgccaaac	cccggaagagc	300
gcccagacta	ttgaatcaag	ttcctaagga	aattctcgag	aatcctgac	tgaaggctgc	360
tattgctttg	ctaccggcca	actacaactt	tgagattcca	aagacgattc	atcgtatcca	420
gacctcagac	tccaagagag	ttgcgctcca	gatgcccgaa	ggcctccttn	tttttgctac	480
taccatctcc	gacattctga	cccaattctg	cccgggtatc	gagactctna	tnatgggaga	540
tgtgacctac	ggngcatgct	gtatcgatga	ttacactgng	agggcccttg	attgcgactt	600
gntqggngca	ctatgctcac	aagnttgctc	tatnccttg			639

<210> 641
 <211> 634
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(634)
 <223> n = A,T,C or G

```

<400> 641
gatgatgata tcantgctnc ccccggtatcg ataattgccg aaggagctgc caagaagaag      60
aaaaagagaa ngccaaagaa gaagaagaag actgctnccc agcaatcttc acctcccagg      120
gttcccctga gtgagctctt tgcaaacaag gattatcccc tnggtgaact ccagagctat      180
tctgatgact ttaacacggc tcgtactact gctgaggaag ttcgctacaa gattcgctga      240
cagctngagg acctgnttt tctgaacgat tatcgcaaag cggctgaagt ccacgctcag      300
attcgacagt ggactcagga gaacgtcaag cctggtcaca ctctcaatga gatcgccaat      360
gggtgttgagg atggtgtacg tgcgtttctg ggaaaccagg gaattgaacc tggtgacaac      420
atcaagtctg gantgggctt tccgacgggt ctttgtctga accatgaaac tgcgcactac      480
acgcctaate ctgccaaaag gacgttggtt tcaagtatga ngatgtcatg aagggttgatt      540
tcggcgtgca aatcaatgga tggattggan acngggcggt taccatgtn ttttgatccc      600
accgtatgat aatctnctan cggtggtcaaa gatn                                     634

```

<210> 642

<211> 609

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(609)

<223> n = A,T,C or G

```

<400> 642
acgatttcat catcaaatcc aacgagttaa ggagtcgtgc gcgtcgnccc catcgatatcc      60
tggctctcct atctcttcgg caaacccgca gttgcctgta cctattatgc tagttggcaa      120
caagagcgat ctgagtcacc gagagagagg tttctacaca agaaggtcac gccctcgccc      180
gcgaactcgg ctgcgagttt gtggaagctt tcagcgaaga actgcatcaa cgtcnaaaag      240
gcgttctacg acgtcggttag gattctacgc cggcagcgac aacaagcctc tcgtntcttcg      300
gaaagatcaa gtggacggac acnaacaggc aatggcgatg cacggggcgg cgatcgagac      360
gaaagacaca gaaataggaa caaggccgaa acaagtccaa atgcgtggtt ttatgagtgg      420
atcataccat catggattaa agggatccat atgttaaaga ggaggaaaaa taaggnggac      480
gaacaaattg agaccaaca acgacaacag gccagggtaa ngaccacata taangggatc      540
cttttggcga acangatntc cccatgattt taaaaatgat tggcaanatc cgggggaaga      600
caaaaaaaaaa                                     609

```

<210> 643

<211> 488

<212> DNA

<213> *Fusarium venenatum*

```

<400> 643
atgcacttca agaagaactgc ctccatcgtc gagcaagatt tcatcatggc cacttatctc      60
gttgaccgag tcattgtctt tgacggacag cctgggtatt atgctcacgc caacaagccc      120
gagtctcttc tcaactggctg caacaccttc ttgaagaacc ttaacgtcac ttcccgccgt      180
gacctaacca actaccgccc ccgcataaac aagaacggat ctacagctga ccaagagcag      240
aagctggggc gcaactactt cttcttggag gagaaccttg accagagcta aaggcgttta      300
naacgagact ctgcctcccc ttgatggtgc atctcccggc gtttgtggcg ttcaaaatgg      360
gaatcgggda aadcaacqqa acttaggaat atatgatgag cgcagcgccg ggagggatga      420
tjatccagac gaataacgat ggtgacggca cggatccccc tgggtgtctgg tccctacgaaa      480
gacgttgg

```

<210> 644

<211> 596

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(596)

<223> n = A,T,C or G

<400> 644

gtctttgccc	tcactccctc	tcgacaatca	cctcacaatc	ttccaaaaat	gctgtcaaga	60
agtatagcta	cgcagagccc	gtatgggtgc	cgctcggttg	ctgaggcccc	gtgcgcaccc	120
tcttgatcatg	cttccttcca	tgatgcagac	cgttcgtacc	tacgccgatt	ccgtcatcaa	180
ggccccccag	atggccgagt	ccatttctga	gggtaccctt	aaacagttct	ccaagagcgt	240
tggcgactat	gttgcccagg	atgaggagat	tgctacaatt	gagaccgaca	agattgacgt	300
tgccgtcaac	gctaccgagg	ccggcactat	taaagagttc	cttgtcgcgg	aagaagacac	360
cgttactgtc	ggccaggatc	tcgttcgcac	cgagcttggt	ggtgagccat	ctggcgacaa	420
gaaggatgcc	ctaaggaaaa	actacaaatt	ccgaattcca	agcaaaccta	cccctaagca	480
agatncccc	ganctaaaaa	gaagcgctcc	gctcccacaa	nccgaagntc	ccgacgccga	540
aaaaacatca	atcgatctcn	ctcacngcct	cttggtacgc	aaaactcctc	aaataa	596

<210> 645

<211> 637

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(637)

<223> n = A,T,C or G

<400> 645

ggcggattca	tctctttgtg	cgacatcacc	aattctcttca	ctgtctcatt	acccaacatg	60
attctccgga	gtaaaaacac	tgtctgtggc	tcanogctgg	tgcgtgtagc	tagtgcttcg	120
caacctggag	ctccggcgcc	tgtaccaggt	cccatgagag	aacttacttg	gggtcagatt	180
aacttttatcc	acacaacgga	tacacatggc	tggattggcg	gpcacttaca	agagcctcaa	240
tattctgcgc	attgggggtga	ctacatctcc	ttcaccaaagc	acatgcgcga	cgaagccgac	300
aagaagggag	cgcacctaact	agtcacatgat	acggggcgatc	gcacggaagg	aaacgggacta	360
tacgacgcct	caacccccaa	gggcctcttt	caatatgata	tctacgccga	agccgacgtc	420
gacatcatgt	ctactggcaa	ccatgaactt	tacaaaagtct	actcggccga	tatggaacac	480
aacactaccg	ttcccaacta	caagaacagc	taccttgcac	caaacctcga	ctacatcagt	540
ttcgaaacgc	gtgatcgctg	tccacaagcc	ccacgctaca	agaagttcaa	gacaaaagaa	600
ccaaggggtct	caacggttg	gctttcggct	ttctttt			637

<210> 646

<211> 602

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(602)

<223> n = A,T,C or G

<400> 646

aaaacatact	caattttctc	ttctctagcc	attagcgatt	taaccgaccc	gaacaggtcc	60
ctagatttca	aaatggccgg	aaatttttag	gatgtcgcca	agcaatttgt	tgagttctac	120
tacaacaccc	tcgacaactga	tcgcaagggc	ctcgtttctc	tctaccgacc	tcactccatg	180
ctgacctttg	agttctgttc	cgtctctggc	gcggaagctg	rrgttgagaa	gcttgccggc	240
ctccctcttc	agaaagtcaa	gcaccaggtt	tctaccatcg	atgcccagcc	ctccaaacgag	300
cagggnggca	tcacatccct	catcactggc	gatctttctca	tcgacgagga	gcagaacccc	360
atgaaatctc	ccagacactt	ccagcttccac	cgggacccat	ctggacacata	cttctgttat	420
aaccgacatt	ttcaagcttg	ttctcgggta	aagagcgtat	tyagtttggac	tyaaacatga	480
aaatgaaagt	ctacaccaag	gggggcgaaa	gaggagggga	aatttaaacca	ggaatggcaa	540
tggaatagtg	gttttttttg	acnathcgat	gaaattttaa	aaattgtccc	ngttgaaaaa	600
aa						602

<210> 647
 <211> 546
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

<400> 647
 tgcccttgtc actcaaacc aggataccat caaacacccat ctttcactcc atcaaagcat 60
 gctcaccagc gcaagtatgc cactccaact acacaccgg gtcagaagga gtacgccttt 120
 gagatggctg cttcgtccat cagggtttggt cctgggtgta ctcaggaagt tggatatggac 180
 ttgaagaaca tgggagctca gcgtgtttgc gtcgtgaccg atgagactgt caacaagttg 240
 gatgcatga gacaagtcgg tgaagctctc actcgggagc gcatctcttt cgaagtgtac 300
 tccaaggttc gtgttgaacc aaaggatagc tccatcaaag aagcaattgc ttggggccgt 360
 ccatatgcac cagatgcctt cctggccgtt ggaagtgggt cagttatgga cacagccaaa 420
 cttatgaacc tttacacagc gtacctgacg ctgacttctt ggaactttgtc aacgctcctc 480
 tangcaaggc cgcgtccatt gataagaagc taacaccact catcgccgtc cctacaacag 540
 ccggca 546

<210> 648
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 648
 ttcttggtnn ntgatcaaaa tgttcgttct gttattcatg ctatacaaaa tcataaaaac 60
 tcataaacta gggctatata caaaactgta accaagattc atctggctac ctcgacaaca 120
 ccaccagaaa accgaaatca acaccgcct gaactcctct tagtagggta tcaatcacc 180
 ttttcgtaac ggatggccct ttacttttgg ggcggtgctt ccgcactgc ccaagcgaca 240
 gcgcgcgcgt tatcgggctg gtgtcaacga catagcgacc gacaacttgg ccagccttca 300
 tgagcttgaa gacgtcgttg agctcagaga gaccaacagt cttgaaggga accttgatga 360
 ggccacggcg gtagaagtgc atggcctcag cagtatcggc acggttaccg acgtaggatc 420
 ccttgatctg gatcatgca acgacagtgt cgaacacggg agcagagaat tgagcaccag 480
 cggggagacc gatcgagc actgtgccct tagatcggat gtactgggta gctgttgga 540
 agggcttntc ggcagcagcc gacaaaaana agcagcgnng agggccgaaa c 591

<210> 649
 <211> 338
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 649
 cggcaacttg ccaaaagtga gtgattccaa gttcaagatc cccgatattg ctattcagta 60
 ctggaagatg ccaaaaggag accgcacgat gaaggacttg atcctgtaca tccggggcca 120
 tgaggcaaca catcgaggag tcaaccatac actgggcaac ctcaaccaga acgacgacc 180
 aaaccattc gtcagtgaat tcaaggatcg cgaaccacca agacctgntt tgaaggcagc 240
 cggttacgat ngagctgaag tcatctaaaag acggtcaatg ccgaaataag agcgacatgc 300

ctcaaggctct gttgcaggtt atattggaaa aaaaaaat

338

<210> 650
<211> 599
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(599)
<223> n = A,T,C or G

<400> 650
gtcgccgata tgcattgagt ccattgtcag ttttgccgcg cgtcccacgc cccatttttaa 60
caaacgagtt cataagccga cgaagctcaa ttcagttcac aatgcctact cccgagtcgc 120
agcaatttcaa ggcccagaag cctacccgtcg ctcccaactt taaaggcgct gactacgatg 180
ataccaagggc attcaaggcc gcgcaggatg ccttcattcg ggaaacaatgg gtccggcgcca 240
tgatgacccg acttggttggg gaggagctga acaagtgtga cgttcgtgag ggtgtcaacc 300
acctcgagaa ctgcggccac ctccgagagc gatattctca attgctcaag acaaacaaga 360
tcaagggcac caagttcttg caacaaaact atgtcgacca gaaggaacaa gatcttgacc 420
tggcgggcaa ggtccacaca agcgacaaga tcgccaagat gaaccatgac cgattctttt 480
tgtaaaaggg aaatgaattt aagtcatgct tgggatggaa gtgaacggga tttggttata 540
ttaaacggga aggactttta ncttgatata ccacatgatt gtgaaccactc gcttgctat 599

<210> 651
<211> 596
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 651
tgcagactta accgtgctat ctcaacctct catatcatta cacttgcctt tggcatccat 60
gttctcacgc atctctcaga tcactcgcca tctctcagtt cccatctcga acaacaccag 120
acgatttgct cttggacgaa tcatggctcc cgtatcggcg gatgagcgca actcgcgcac 180
tatttccaca gcagcctgct tgatcatttg agatgaggtc ctaggcggaa agacggttga 240
taccaactct gectaccttg ccaaatgggtg ctttaacctc ggaattagtc ttaaacgaat 300
cgaggtcatt gcggatgatg aaagttagat tattgaggca gttcgaanaa tgagtgcgg 360
ctatgatttc gttgtgacaa gtggtgggat tggacctaca cagcagaca tcacctatca 420
atctattgcs acagccttca acctacctct caagtttcar caggagacct ttgagaagat 480
gaagcttctt tcaaagcttc accccaacca acccaagttc gattgggaag ttgaatcccc 540
cgccagaana accaagcttc gcattggcaga actgcccaccg gacgaatccc gggatc 596

<210> 652
<211> 617
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 652
gagaatctna aaaatcccc aaacctgtcg cgactgagag cgaagttatc acagaggact 60
tccttaccaa attcttgccc aaaaacacag ctgatccaaa tgtcttcaca cagtaccatg 120
ttcttatqgg atgtacatcg aacatggttg caggctctga taccacagct atcagcctgt 180

ccgcggctct	ctactaccta	ctcaagaacc	cagcctgttt	ggaaaagctt	cgaaacgaga	240
tcgatcaaat	ggcatctcga	ggggaactat	caaagttgcc	cacgttcaaa	gaaagccagc	300
agctgggtgta	tttacaggct	gccatcaagg	aagcgctgcg	tatgcatcca	gctacaggct	360
tgccgctcga	gcgagtcgtt	ccagaagggtg	gtgcgcacaat	ggctgggcga	ttcttccctg	420
acgatactat	tgtcggcctc	aactgggtggg	tagccccatg	aaacacccac	gtctttggag	480
aagatgccga	catcttcaac	cctgagagat	ggcttacgca	ggattncgtg	aggnttttct	540
gcaatgnatc	ggattattacat	gccgttcgga	ctangctcac	gaagttgtat	tcggnccgac	600
atgtggctgc	ttnttca					617

<210> 653

<211> 611

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

<400> 653

caaaaaacaa	caacatctac	aagattaatc	atggagaacg	acagagacta	cttgctttcc	60
ctccggggccg	tccgagagca	tgccaacaaa	gtcttgcaag	ctgcgaagca	gggagatctg	120
aagcattttcg	actacgatga	gagccgcctg	actgagggtg	cagattacgt	atccaaggctc	180
attgatcgtg	actttgggtc	cgacaagtac	cacacaattc	cgccgcatgg	tcgctggcag	240
catttcgatg	ttgggggtgt	tgctcgtgtc	cactccctga	tcaagcagtg	gtctagcgaa	300
gccgaagtcg	acaagactga	gatcacaaga	cgattggngg	atctgttctt	tgtgtcgggt	360
cttctaaatg	ccggtgcagg	cgatgtctgg	cgctcaagga	gtccggntct	ggtcaaaaaan	420
tcctccccag	ngaggggcatc	gctggccctc	cncctttatat	gtttcaagct	gggccttttca	480
gttctgatga	atcaaaaaaa	aaacaagggt	gaccggaaag	ggtttgntca	atttcaaaaaa	540
ttaagtttna	cacacacttt	caagtnnttg	gtgaaaacct	tatngggngg	ggttcattcn	600
ggggtcact	t					611

<210> 654

<211> 464

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 654

tctgagcgca	ttgccagtct	tgcccgtgtc	ctgcaaggaa	aggctgccaa	cttccagagc	60
actcactcta	ctcagnggat	ggagcgatct	ctggatgatt	ccgcttgccg	acgcattggat	120
atccccgaga	tgttctctct	cgccgacgcc	atcaccatca	cccttcaaaa	cgtcaccgag	180
ggctctcgtt	tcttccccct	caagatccat	tccaacatca	tggntgagct	accattcatg	240
atcacagaga	acgtcatcat	gcgcctagta	gccatgggag	tgtcccgcga	agaggcccac	300
gagcaaatcc	gtgtctctctn	cttngaggcc	tctcaccagg	tccaaagtct	cggcaagccc	360
aagagcatgg	togagcgaat	caagaacacc	gagttcttca	agcccatctg	ggctgacctc	420
gacgacatga	tgaagcccca	gccttacatc	ggctgcagcg	ctca		464

<210> 655

<211> 937

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(937)

<223> n = A,T,C or G

<400> 655

cttctcccta	caacgtcacc	aacacaaata	cccgcaaact	cccaaagact	ttgcatctcg	60
caaaccgtcg	caagacatat	tcacccctca	tacccaaatc	agtactctag	atacctatac	120
agcgaggcgc	tattctagcc	agcggtcgct	gaacacatcc	tcaacccttt	tacaaaaccc	180
atttcccaag	gtaaccccag	tacctccgag	tttatgtcca	tcgaaaatct	caagacctac	240
gaccccttcg	ccgaagccga	cgaggacacc	ggagaaacca	agcagacgca	gaattacatc	300
catatacgca	ttcagcagcg	taatggacgt	aagactttga	ccactgttca	gggtctcccc	360
aagaagtttg	accagaagaa	gattcttaag	gtcatcaaga	agaaatttgc	ctgcaatggc	420
accatcggtta	acgactccga	gatgggagag	gtgatccagc	tccaggggtga	tcagcgtaaa	480
gatgttcagg	atthttcttgt	cgataaagaag	gaaggcctcg	agctagatgc	caagaccatt	540
aagggtccacg	gtttctaaag	ctctgcatgc	cccgtcgctc	tgtcagtcgc	cgttcccggg	600
cgtcttgacg	tagaggggaca	gggatgcatg	gccacctcgg	cttgtgcctt	ttccggacgt	660
gttctcttgc	tctcgcaaca	gacacaccga	ggctcggctc	cgattactct	aggacgacgg	720
gcatcacttc	aggggtgagct	tttgcctctg	gttgcttttt	ggagagatct	ttattctatg	780
ctgcacgggtt	ctgcggcggg	taggaacogt	attcgacaaac	taccttgctc	gcgtgcacca	840
aggacgaggo	ttcggggccaa	agcatttggt	tatcaaacat	atggccttgt	gtcgtcgtag	900
cagaatgtta	cttggcaacc	ncgcanaagtt	tagcaaaa			937

<210> 656

<211> 454

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(454)

<223> n = A,T,C or G

<400> 656

gcagtacatc	tgggagtcga	gcgctgggtg	tactttctct	atcacccgag	acaccgacag	60
cgagcagctc	ggccgcggta	cctccatcat	cctccacctc	aagggaggag	cagaccgact	120
acctgaacga	gagcaagatc	aaggagggtca	tcaagaagca	ctccgagttc	atctcttacc	180
ccatctacct	ccacgtcgag	aaggagaccg	agaaggaggt	ccccgatgag	gangccgang	240
angtcaccga	nganggtgat	gacaagaagc	ccaagatcga	agaggtcgat	gatgatgagg	300
aggagaagcc	caagcgagga	ctgtcgaagg	ccaaggctac	tactaccaag	gccaaaggcga	360
agaagtagag	catggctatc	attgcatgaa	acgggtatgt	aaataatatt	tcnggcgncg	420
ggtcgggttt	gtcggggttag	ctactatgga	ccaa			454

<210> 657

<211> 593

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(593)

<223> n = A,T,C or G

<400> 657

ttatrgagtg	aggttcttgg	aaagcaagtt	ggcctgtgtg	cctatggcct	catgggcttc	60
acatggcgcc	caaatgctac	cctcttgga	caggctattg	aaagccatgc	gcgctgcttc	120
taacaatggc	tgcacgtctc	ggagcgggcg	cgagttctac	ggacccccag	aantacaata	180
gcattgacct	gctcaaggcg	tttttcacaa	agtatccgga	agangccaa	ngatcccca	240
tagttatgaa	aggtacctat	aatctcgaaa	agttccagct	cgatggatct	ccaganaacg	300
ttcgaaggto	gategacaa	gtgatcaacc	agctcggggg	aacccaaaaa	cttgacatct	360
ttgcgccttc	aagaanac	cacaaagtc	ctttcgagac	gacctcagcg	tcattcagaa	420
ngagtagctc	gatactggca	aaattggggg	cattgctctt	tcaaatgca	gcgcganac	480
tatcgaagaa	gntgtcaaga	ttgcnnagat	cagcnnctt	gaagttganc	tcaacttgnt	540

ttagcacana natcttgccg caccggcgtn ctgccgcttg tngcttaaca caa

593

<210> 658

<211> 613

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(613)

<223> n = A,T,C or G

<400> 658

gcctcagtcg	gctcctactg	acaacgacat	tctgcctggt	gagttcttga	ccctctatat	60
ctcttatggg	cgggtctaana	tcacgcctgt	catctcgcag	gaggetgccc	aagagcttgt	120
cgaaatgctt	gtcggccatgc	gtgctctcgg	acaagatggt	cgctctgctg	aaaaacgtac	180
cactgctaca	accgcgcaac	togaagagcat	gacccgtctg	tcanaagctc	atgccaagat	240
gugttcttcc	naaacaagtt	actcgtgacg	atgtccgnga	ggccaaccgt	nttattcaga	300
gcgcctngaa	nactgctgct	acagacgcca	atggctgcct	tgacatgagt	cttctcaccg	360
aggggaactag	tgctgctgat	cgcaagcgct	gtgaggacct	ccgtactgct	attctgcgtc	420
tttggacnac	atgaccgcgc	ggangtaaca	caagttcgat	ggggcgacct	ctctccccgc	480
tgagtgangg	ggccagcctc	cgggtgnaca	atctgagttc	aaccaaataa	tganggctct	540
ggaggctgaa	aatctnttat	tatcatnggc	cnaaggcccc	anaaggcccc	tcognagggg	600
gaatttcogg	tgc					613

<210> 659

<211> 611

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

<400> 659

cttggccata	tctttcttga	cgttttcaaa	aacacgcctt	tgagtcatec	aacgctttctc	60
tttttatatt	gtatttaaca	gtcatagttt	ctttctacta	agacgaatct	caagcctcca	120
ttctccaatc	ttctttacat	atattcaaga	gcaagatgcc	caccgtgcac	ctattagatt	180
atgttgccgg	caacatcagg	agtctgggtg	atgccattga	aaagtgtggc	tacgaggtcg	240
aatgggttcg	atctccagag	gacgttcccc	atgcagagaa	actcatnctc	cccggtgtcg	300
gccacttcgg	ccattgtctt	tcccagcttt	ctcaagccgg	ctacctaag	cttatcaaga	360
aycacattgc	cgatgggaag	ccctttttcg	gtgtttgcgt	tggcctacag	gctctcttcc	420
aggggtctgt	cgaggatcct	gacatccccg	gtctcggagt	cgtaccagct	gcttttggat	480
agattcgacg	actcaaggaa	atcgggtgct	cacattgggt	tggacaatat	ccttcactgc	540
tggttaaggcc	catgtncgac	ctttnaacct	gactcaaagt	attactaatg	tcactcctac	600
aaggtgcocg	c					611

<210> 660

<211> 446

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(446)

<223> n = A,T,C or G

<400> 660

tgggnaadga	ccgngggcag	attgtggnc	tttacgnnc	ccgcaagtgc	agtggcacca	60
------------	------------	-----------	-----------	------------	------------	----

accgnatnat	caaggccaag	gatcacggnt	ntgttcagat	cttcacgcgc	aaggttgatg	120
agaacggccg	tgccgtccag	ggcgagaacc	acgtctacgc	cctntgnggt	ttcgtccgag	180
ccatgggcta	nagcgacgac	tcctccaacc	gactggccca	ncgcgatggc	cttctcaaga	240
gcgtntggag	cggacagcga	taaatcaata	aagcgtggga	aaaaggtact	cgacatctgg	300
ttctgagaat	cctcgacaag	gaattctgat	acgaatggac	cacagggttt	tgggttcggg	360
cacgaaggca	atgggtgaaa	gaaactaggg	ttggctgcac	ctagcaaata	cacttcgagg	420
cgttcggttc	gattttgaga	cnccan				446

<210> 661

<211> 336

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 661

gacggtgcac	tggtagctgc	cgcaactcta	tctaaccgct	acatcacga	tcgattctta	60
ccagacaaag	ccattgacct	catggacgag	gcagccagtc	atctcaagct	gcagcacgag	120
tccaagcctg	aagacatcat	gcgccttgac	cacaagatca	tgacgattca	gattgagctc	180
gagagtttga	ggaaggagtc	tgatgtggca	agtaaggagc	gccgagagaa	gctggaaaac	240
gatctcaaga	aattgaacga	ggaaatttct	gggctcaacg	cgcgctggga	gaaggaacgt	300
gctgagattg	aatcggttaa	agaaggggtt	nccccc			336

<210> 662

<211> 553

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(553)

<223> n = A,T,C or G

<400> 662

tatcaacgtg	ccctccaatg	atccccccct	cgacagnggt	gctcaggatg	cttctgcttc	60
tcctcttgtc	gttgnggcta	cccgcgctgg	tgtaaggctc	ctccctgaca	tcataacgc	120
cgttctcttc	tcgcctatcc	tcacagctgc	caactccaac	gtctactcca	gcagtcgtat	180
catggtttgt	ctcgttgagg	atggctcttc	ccctgntttc	atgaagcgaa	ccaacaagta	240
cggccccccc	tactgcgcg	ttgcctcatg	ctccgtcatg	ggctctnattg	cctacatcaa	300
ccctctctcc	agnggaaaaa	aggtcttcaa	ctggctcttc	aatgtcagtt	ccaccttatg	360
cttcateacc	tgggtcctga	tcaatgngng	ccatataccc	cttccaaaan	atcatggctg	420
cacaggggat	ccctcgagan	gaagcttccc	taccttgca	ctttncagcc	ttacctgncc	480
nactacgggg	ntttcttngg	ggctctcatc	actattactt	ggggnttcac	ccgtntttat	540
cgagngggat	acc					553

<210> 663

<211> 575

<212> DNA

<213> Fusarium venenatum

<400> 663

cttcgggtttc	ggatcacttt	cttgctcttcg	gacgatcatt	cttttgattc	aaagcttctc	60
attctctttg	ggaagtccaa	tctacacatc	ccctgaacaa	catcacgaa	gctagttctc	120
gacatacacc	aattctactcc	atcactcgga	gtaactttga	ctaccacgtc	ttgattcagt	180
ctttcatcag	acgctgcaca	aattttatcac	tcttgctctg	acgacaatcg	agaaaccttg	240
acaatccaat	tctcaatcca	aaccaaaaac	cgcaaaaatg	aagttcgcta	ccgctttcat	300
tggcctcggt	gcctctgcta	ccatctgctg	tgcctgcaac	gtcacctttg	ttactctcga	360

tgacaaggag	cgcaccatca	tcttcacccc	tgacctggct	tcgagggacc	gagtccgtca	420
ctgtcagcag	tgctaaggaa	gttactgtcg	atttcocctga	caagtacatc	ggtaacttct	480
acgctgtcca	gaagggccat	gaggacaagc	ccggtatgct	cggtgaggtc	accttcgggtg	540
gctggaacgg	caagactact	tcgacgtctc	tgcta			575

<210> 664

<211> 603

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(603)

<223> n = A,T,C or G

<400> 664

caaggctc	cgtgtgtgga	tgcaagatca	tgtttctcct	caacgactgt	tggtcgggtca	60
tgatacggcc	atctcgggcg	tgacatggca	tcctaacggg	ctttacgtgt	tttcggcctc	120
ggatgagacc	gacaagtcaa	tcogtatgtg	gtctgtgttg	agcggctctt	gcgtgcgtgt	180
ctttacaggt	cataacgact	acatcagcgc	catggaatgc	gcgccaaatg	gcaagatcct	240
agcaagtgcc	gattgtgcag	gtaacatctt	cttttggggac	cttgctaaag	gaacacgcgt	300
caagcgggtca	cgtgggtcatg	gtaaagggtgg	tatctgggtcg	ctgagcttca	gtgttgaatc	360
caacgttctt	gcgtctgggtg	gtcaagatgg	cacagttcga	ctatgggatg	tcgaactgcc	420
cgtgatcca	caaaaggcca	gccagcanca	gactggaaat	gacgccgaca	acaacgggag	480
cggatggcac	gaatactgga	ggtcogttgg	cgaaggttct	cgtgttgag	ctgctacttc	540
agggcaaatg	ggaagcagtg	gtacaaccgg	aacacntaag	aaaaagaaca	aggaggtatg	600
ata						603

<210> 665

<211> 649

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(649)

<223> n = A,T,C or G

<400> 665

gcggaaccaa	gggggtgatcg	gacgggcgga	aatgaaggcc	tgccgcagag	tgccgggcctt	60
ctgttttgag	gattataatc	agagtatatc	gaaagtcttc	cgatcttttc	gtataattgt	120
tttaggcata	gtgcaatcga	taagcttggc	tgccaggtcga	cggatccccg	cggcccagcc	180
cccgcccggg	gtggccgggg	cccccagcgc	ttccagcagg	ccgtcatagc	gcccgcgcgc	240
cagcccggtg	ccctgcgcgc	ccagccgggtc	ggtgatgaat	tcgaacgcgg	tgtggcgata	300
gtaatccagc	ccgcgcacca	gcgcggggcg	gcgcacccaa	gcaacgcggg	cggcatcgag	360
gccggccgct	accttgccaa	agaaatcctg	cgcctcatca	gtaagatatt	cgtcaatctg	420
gggcgcagtc	tgagtaagtg	ccttgtcgcg	cgggtccttg	gaatcgagaa	tcgggagcgg	480
gtttttctca	agccgctcct	tcgattcgtc	ggaaagatct	gcttcataac	gccggaaata	540
acggatnang	gcctccggcg	aggtctcgcg	gtccacccca	tcacccaagg	tattgaggtt	600
gagcgtcacg	ccatcgccaa	tgccacnttc	gggcacccaa	tgatcgggt		649

<210> 666

<211> 594

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(594)

<223> n = A,T,C or G

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<400> 666
ctctgatttc accaccgagg gcaatttgac tggaccttct caatacgatc taattcccaa      60
gggcgcacca tcagtcggaa gtgateccaa ggatagccaa atctgggtact acaatggcac      120
tcttgctgcy tgcacatttg ttgctctcga ctatgtttct ccccgatacg ccaacttttag      180
cgttcctgac cttgtcgtga ctggctcctaa ctatggcacc aacttgggcy gtttcgtatg      240
gactctatcc ggtactgctg gtgctgcata cgccgctaca aaccgtggaa ttcccgcatt      300
tgccatatca gcgagcaacc aggaagtcc ctacttcgaa ctgacaaacc gcaccaaccc      360
agctacgtgg gctgcccagg cctctgtaaa attcgtcgag aactttattt cgacagctgg      420
caagaacggg ccccttttgc ccacgggta cggcgctcaat gtcaatcttc cctgtgtgac      480
gaagaaagat caccgacccg aattcgtgca gacgaggttc acgggcaatg cgcacgttaa      540
cgaancgggt cttgatccga anaagggaac gtttacgtgg gccaacatca agcc      594

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<210> 667
<211> 817
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(837)
<223> n = A,T,C or G

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<400> 667
gocgcaggaa tttttttttt ttttttttgt ggaaaccatt gtgaatttcg caaaagcaca      60
gtgaccatcc tccgtacccc actgcacttg ggtataaagc gatcatcaag aaacggttcc      120
acgtctctcat gtccagccga cccgttgagg ccagcatgga cactcgtgta aaggctttct      180
cagctttcca cccatgcagt gctttttttt ccttctctgc tccagacgac tcttttggtac      240
aaggcgcgta acggaaaaac aaaagagaaa tgatgtgcca tgcaagatat ccggagaccc      300
caaacgcccc tattntgggt gttccatctt ctatctgcaa agattttttg gtaagtgttc      360
gcaacgtcgg ctgttctatc cgtccatgtc gatgttgtgt tttgcagatc cgagatggcc      420
accatgagat gaaccgtaag agtcatgagt gcccaaggaa ataaaccgcc gcgaggcggt      480
tacttccttc ggaaagagca gccctcagtc agacgagcct taccaccggt aggctggcag      540
aggacagtgg tgcacccctg gcagatgaca acggtctggg cgtgagagaa gacgggtggtg      600
atgggtgaagc aaccggggca cttgacgtcc atgaagaagg atcgaggggc gggcacaagg      660
gtcttgagct tgtgtctctt ggccctcgcg gccggggaag ggttcagaag atcaacggcg      720
agaaccatct tgtctgattt tctcgaaaat ttcttgctcg tgacttgcca gaatgggaaa      780
gcttgacgaa atccggcaac agatttgagg ctgcgaaggt ggggtgggagg aggtaag      837

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<210> 668
<211> 360
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

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<400> 668
ggagagactaa ccccgacttc gatacacaag tgcatacgcc cgaggtgttc ttgttcgatt      60
agggtgtcgt agtcatatgg ggaatgaccg aggtcgaaga aggtcgggtt cctcaaagag      120
attgctaaat tcgaaactga gaaagcttgc gcctgacgat gtcgagacag agctatttaa      180
attctattat accaaggact accaggcccg catctacaat gatttcatta ctcttcgcga      240
gaagaaacaa ctacatgaca aaactggcaa ttctctatgc ttngcgcag ancgtaaga      300
cttctctttt cgaggaattg attgcatcaa cgtcgatcac atgnaaagac atccccccgc      360

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<210> 669
<211> 1068
<212> DNA

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<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 569

ttcgggttcgg	ggaaatctac	ctcgteggac	aatggtagta	aagacgagat	agtcctcctc	60
cctgtccagt	ccaaagccat	ccttcgtgtc	acagaaatcg	agacaaagg	acacgaccca	120
gaaggaaacc	aagtcctctg	ccaagatgca	tccaccacct	tcgaccttcc	agataaccac	180
cccaacaaga	atgctgtcga	gatattatgg	cttcctcgtg	gatcacacag	ctccgacgac	240
acaggcgaga	aagtgcgtcg	tgcgcttaat	aatgaaaagg	acatgaccat	cataggetgc	300
tgtaaaacaat	cccccaaagc	tatctctctg	totctacttc	ttttcctcac	tgntgtcatg	360
gaggggtacg	aaaagagttc	tgttactggc	tttggtgctt	tccttgccct	tcgagaacgc	420
tatggcgagc	tgtttgagac	gccaacgggg	ccaatctatg	agatctcacc	gctttggcag	480
acagcattgc	aagtatctgc	cattgctttg	tgaaagtcac	ttgggtctgt	gttgcatgga	540
tnngatcaca	tcacagtant	tgggtacaag	aagatgatgc	ttatcagttc	tgccctggat	600
ggtgtattgg	cgcgtttttc	cggttttctt	tgcacacaac	attgctgtac	tggttgcttc	660
tcaggctctt	tgtggtatct	ctnggggtgt	cattcaaaaca	ctggcagcca	catatgctgc	720
cgaggttgta	ccatcagcca	tccttgccctg	tcttctcagc	aatgtcaaca	tgtgtnggg	780
catcggncaa	ctgcttggtg	ctgggtgtct	gcgatccctc	gtccacaacg	attctgagtg	840
gtcctaccgt	ttaccctctg	cccttnantg	ggcctttgcc	atccctcttc	ttattgcac	900
atgtttgtct	ctganagtc	ttggnggctt	atccccngga	acgtaagggt	gangccanac	960
atctnttcag	cgtctcacca	agcaatccca	gnttgacatt	gatgatacca	ttgntggcat	1020
gggaacacac	caaccgtntc	naacgtaanc	ttnacttccg	gggggtca		1068

<210> 570

<211> 545

<212> DNA

<213> Fusarium venenatum

<400> 570

tcacaaacct	ctcaacgacc	gaccttgaag	agacgagccg	cagccatgtc	gtcgaccaag	50
aagccctccg	gcaagactca	gcgtcccgcc	attgcggatg	tcgtcgcccc	cgagtacacc	120
atccacatgc	acaagcgact	ccatggtgtt	tccttcaaga	agagggctcc	caaggccatc	180
aaggagatca	aggcctttgc	ctacaagtct	atgggtacca	ccgatgtccg	catcgacctt	240
cagctcaaca	agaagggtctg	ggagcagggt	gtcaagggtg	tcgactaccg	aatccgcgtg	300
cgaatttccc	gacgacgaaa	cgacgaggag	ggtgccaaag	agaagctgta	cagctacgtc	360
caggccgtga	acgtcaagga	ccccaaaggc	ctccccacgg	ttgttggtga	ggaataaata	420
taaaaaatctt	ctcttgggac	aagggtctag	ggtggcatgg	catttgaggt	tgcattcggc	480
attctggctt	tcgacgctga	aaatacacag	agggaaaaaa	tgtgatcaaa	gcttgaagtc	540
aaact						545

<210> 571

<211> 695

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 571

caaattgaga	atttctcgat	cgcacccaaa	ctaaccggcc	aaacaccaca	gccaagatga	50
cgaagggtac	ctccagcttc	ggtaagcgct	acaacaagac	gcacaccctg	tgccgacgat	120
gggtgcgcgc	ctctcttcac	gtccagaagc	atgagtgtct	ttcttgccgt	taacctgctg	180
ccaagatccg	caagtacaac	tgggtccgaga	aggctaagcg	aagaaagacc	gtcggtaacc	240
gcgcgactcg	ctacctcaag	gatgtgtccc	gacgattcaa	gaacggtttc	cagactggca	300

cacccaaggg	tgcccgtggc	gctactgccg	agaaggccta	aacggggact	gcaccccttc	360
tgatccccctc	caccacctct	ccggccctat	ccctcttcaa	ccacggacgt	tcgaaacacc	420
cattcttttcg	agcagcgcca	tatcaacaat	aacggttctc	tcataacatg	aactgagacc	480
gcaggggaat	ctggttggaa	ctggagtaag	gtggtggctg	gggcggttgt	gtttgttggt	540
tcgtggatga	aggacctcta	aagggacggg	ttggagcatg	ggcacggtgt	tttacaatgtt	600
tgagcaagga	agtaaaaaaa	agaacccctt	tgctcttctg	agattcnata	gggtttcggt	660
tacgaggttc	tgaaatggca	tcttgattct	gcatg			695

<210> 672
 <211> 1014
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1014)
 <223> n = A,T,C or G

<400> 672						
aacatcatca	acaactgccc	ttcttttccc	ccttccatcg	ccctctctcc	tcagcccgcc	60
gaaatgttct	cgcgacaggt	catccgcgcc	gcccagatcg	ccgctcccca	gcgagccctc	120
gccctccgag	ccgcceccgt	ccgatccttc	gccgcgctg	ctcagtcoga	tgtcaagtct	180
ccggtttccg	tcttcggcgt	tgatggcacc	tatgcctctg	ctctgtacac	tgccgcgctc	240
aagaacttcca	gcgtcgacgc	cgtttccgat	gccctcatca	agctcgggtgc	tctcatcgag	300
aaggacccca	agctcgtctc	cgtcctgagg	acccctaccc	tcgccgatgc	cgacaagaag	360
gccattgtcg	atgagcttgt	caagcaaata	aacaccaagg	acgagaccgt	caagaacttc	420
ctcgccaccc	tcgcgcgagaa	caaccgactt	ggtctcatcc	ccggtgttgt	cgacaagttc	480
tccaccatca	tctccgcgcg	ccgtgggtgag	gtcganctca	ctgttaccag	cgctcagcct	540
ctcgacaagc	gaacactcaa	ccgacttgag	actgntgtcg	ccaagtccctn	ttacgtcggg	600
caggggcaag	aactcaaggt	caccaacgag	ggttaacccg	atatcgttgg	tggactcgtc	660
gtcgaggtcg	gcgacggaac	catcgacctc	agcgtctctt	cccgcatcgc	caagatgaac	720
aagctcctca	cggacactct	gtaaaaaaac	acccatagta	taaattctat	ttagtgtctc	780
ctttgcgtcg	tctcgtggag	ttttttcttc	atcaccacgc	aaaaaaacgg	tatacccccc	840
tcttatgagt	gtgggtttcc	caagggtttt	ttctcgtccc	ccttggattg	ttacaacctt	900
cccggaatca	aacgttcttg	tcataccctg	ctaggggaga	agaaagggga	gagtgtcgat	960
ggaaagaata	gtgtaggagg	atgtgaactg	ggtacgcaat	aatgcagtc	cccc	1014

<210> 673
 <211> 523
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

<400> 673						
caggcggggt	gcataaacct	ccactggccc	ctngaactcc	acttcagccg	ccggtcgatgt	60
ccatgtccct	nattttgttc	ctccgtcctc	ctaccttctg	cgcaggactt	nnatttcggag	120
cccaatggca	cctacggagc	cgaaaacctt	gagtcctntg	gacananatc	agttgcaggg	180
tctgaatgtt	atttcgggatt	tcttcaaaag	gcgcactagc	taagatgttc	tgcactcttc	240
gttcggactc	atcgtcctcg	ataacggaat	cctcataaaa	aaagcgatca	acataactaac	300
acagaactcg	atagtatcgg	ctcctntatg	gaactccaaa	acctccagat	tgcgcggnat	360
ttttacgagc	acagatttca	tcaatgttat	ccagtactat	tgcacqtttc	ctgacgagtt	420
ccataaaact	galcaattcc	ggntaaagta	gtttaaaaaa	tattgaaaag	togattggcg	480
cjanacccat	cgagacagtt	tggggtnatt	ctttnaaacc	gtt		523

<210> 674
 <211> 729

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

<400> 674
ccacgcctca cgacccgaca tcgacaatcg gagcacggta agcagacaaa atgacgatcc 60
ggtacaacca gaagctcgtc agtaaccatt tccgcaagga ttggcagcgc cgggttaaaa 120
cccacttcga ccaggccggc aagaagtcca gaagacgtgt cgctcgcaag gccaaaggctg 180
ctgctcttgc tcccgcgtct gtgcacaagc tccgacccgt tgtccgatgc cctaccatca 240
agtacaaccg tcgtgtccgc tccggccgtg gtttcaccct ggctgagctc aaggaggccg 300
gtatccccc aa ggttttcgt cccaccatcg gcattgccgt cgacttccgc cgccagaacc 360
ttaacaaaaa gtcccttgcg gccaaacgtcg cccggtcaag gcttaccagg agcgactgat 420
cctctctccc cgcagatctc acgcctcraa gaagggtgac accaaggccg acgcttctgt 480
cgayaagatc tctcacgtcg ccgcgcgttc ctatcgccct accgatatcg ccgtcaagga 540
gatctcaaga gcgacatgcc ttcaacatcg aggctgggct taccgaactc ttctgtctgt 600
tcgtgccaac gcccgatacg angggtggccg gcagaagcgt attccgtgat gctgccgagg 660
ctgagactgc caagaaataa acttgcnaaa angggaaacaa ggggttgang ggtttgctnt 720
trattgtca 729

<210> 675
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 675
ttttctccca tcacagaaac cgcaatcatg ggtatttctc gtgactctcg acacaagcgc 60
tcgcctctcg gtgccaagcg tgctactac agtgcgtaat aattccgaaa gcccgatga 120
tcctttggac atacgttctg acctttcaca acagggaaga agcgcgcttt cgaggctggt 180
cgccagggtg ccaaacaccg tattggcccc aagcgcctcc acaccgtccg aacccgagggt 240
ggtaaccaca agtaccgtgc cctccgtctc gactccggta acttcgcctg gggttccgaa 300
ggcctgaccc gcaagaccgt gtcattgccg tcgcctacca ccttccaac aacgaattgg 360
tcogaacaac acctcacca agancgcgt cgtccagggt gatgccgtc ccttccgaca 420
gtggtacaag cccactacgg tcaggctctt gtnccgaagac ccagaaggcc aggcgcgcaa 480
ggaaggcaag acgaagaaga agtcaaaaaa tccaacgcgg ttgaaaaaaa cagntgctcg 540
catgtctgct cgongcaagg tcaaaacgcc atca 574

<210> 676
<211> 616
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 676
gtcgggttta tgccccgtgg ttcttcgttc cgtgacgang gatgctgctt tcgaggatat 60
gttcgtaac ctctgggctg acaatgccga tgttgtctcc aactcctact ctggcactgg 120
cgccatgaag acagatgtca cccgtacagg aaacagaaca aaggctgggg ctcttcaaga 180
tgctcgtatt ggtgtcacac gttacttccg taacaacttc ttcgacggcc ctctcagga 240

ttcttttgat	ctcttcttg	gaacctaccg	accaggctct	gccaacatcg	gtactaccct	300
ggtctttact	gategtcgtc	cgatcttgat	ccagtctatt	ccctacattc	tcgccttcag	360
tgtcttatta	ttctcactgg	cctggttact	cgctgtgcac	ctgatgcgag	cgccttacc	420
ctccgtatct	tccttttctt	ctggatggcc	atcgctgcct	ggtctttcta	ctttatctgg	480
aaccacggca	tgctttacgt	caactggccc	cgcctcaacc	ccaaggcatt	tgccgttgaa	540
gggctacaac	gagcacttcg	ccaaaggcac	gcaaaggact	ctgtcattgg	nacatatgtt	600
ggcgaaagca	cganaa					616

<210> 677

<211> 599

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (599)

<223> n = A,T,C or G

<400> 677

eggagcacca	aatcttgaag	aagcgaccca	aaacccccag	ctacgggcat	taatcgaaac	60
aaggacaacg	agcgttcgga	tcgcgaatcc	ttaattcatc	aaattcatca	caattggcga	120
ctaagcgcaa	actcgattat	tcttcatcat	catgtctttc	cgaggagggt	cgcgaggacg	180
eggcgggcgt	ggatttggag	gtggccgtgg	cgggtggccg	ggtggtttcc	agcagcgaga	240
catgggcccc	cctgcccaga	tccttgaaat	gggcaagttc	atgcaagcct	gtgagggcga	300
gatggctctg	gagtcocatc	accccaaggt	cccccacttc	aacgcccaga	tcttcctcga	360
gaacaagacg	gcgctcgcca	aggtcgacga	ggtccttggc	cccatcaaac	aggtcttctt	420
caccatcaag	cccaacgagg	gcacccaggc	cacctctttc	aaggagggcg	acaagttcta	480
cattggctcc	gagaaactcc	tgccccctga	caagttcctt	cccaagccta	agcccccgcc	540
tggtgtctcc	caaaccccaag	ccccctggcg	gnngtgcgtg	cgtnccccgt	ggtggtcgc	599

<210> 678

<211> 639

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (639)

<223> n = A,T,C or G

<400> 678

gcccggcaca	ctanaagaga	cccttcgcga	tggacttcgt	cgcgagagcc	tactcattac	60
tactggcggt	gtgtccatgg	gtgaattgga	tcttctcaag	cgacaatcg	agcgtttctt	120
gggtggcagc	atccactttg	gtcgagtgc	catgaagcct	ggaaagccga	ctacctttgc	180
tacgggtccct	gtcaaggaca	actcaggaca	gcgggttacc	aagactatat	tttactacc	240
tggtaacccg	gcattctgtc	tagttacctt	tcacctgttt	gtgcttccgt	cactccacaa	300
gcattctggt	gcctctacta	caggccctccc	aagagttcca	gcggttatct	cgcacgattt	360
ccctctggac	cctaggcccc	agtatcaccg	tgtgtgtgtg	acggttggca	aggatggcct	420
ctttaacaac	aagcacaggc	ggccaacgaa	gttccaaggt	ggcagtatg	aggcagccaa	480
ggcttcaatt	gtctggaagt	gggaanggta	aactggaaaa	aggctcaaag	gttgangtcc	540
tggtgttgaa	tgcccggtca	agctgtttta	gaaacccaat	aataatcaag	gncgaaaagg	600
caaaaactag	gtnttcagcg	gtataacaac	ttgcaaaaat			639

<210> 679

<211> 631

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(631)

<223> n = A,T,C or G

<400> 679

gttatcggct	gtgaaaaggc	ctacaaaaac	cagaacggcc	tcaagtacca	caagacgcac	60
ggtcacataa	ctnaacagct	ccacgaaaac	ggngatggca	ctttctccat	tgtnnacccc	120
gaaacaggtg	cgccttatnc	aggaaccctg	ggatatggaa	aaganaagcc	gttcagctgc	180
gacacatgcg	gaaagcgcta	taagaactta	natgggttga	aatatcacag	ggcgcatctt	240
nttccgtgca	atnccgattt	caagctccag	gctcttgag	cgggcatgaa	cctgcgggga	300
ntaggagang	atcanatgat	gcctttgggt	gncggcaaca	ctacaaaaac	gtggcaagct	360
ctttctccat	attaagcggg	ggcgttctga	atttcancct	cagtttcaac	atgatgctgg	420
tcttaattcg	actcgggccc	gaccgggana	tanattctgc	ttcattatct	gcgctttttt	480
ccctgccatc	cctgtgtagg	catntgcttc	agcctttgcc	taaaaattat	accgcttatg	540
gnngcttttg	agacttnaat	cangggggnc	tcnattgatt	caaaatcgng	ggncacaaaac	600
tctgtttttg	ggtnttnaaa	ccaacccaaa	a			631

<210> 680

<211> 678

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 680

ctgaaccagc	gcaacgtctc	ataatcaact	tccctcttcc	aacctctcgc	tacgccaaac	60
tccctcttcc	gcatacaata	tcccaacaac	acggcacgaa	acgacaacga	cttcttgatc	120
tggaaacctc	ttctcgccca	tctgtccatt	ttcgcgcttc	ttcgattgat	acctattgct	180
attttctagc	gtctcgacag	cttcacaaaa	cacagccaaa	atgcctgagc	aggaagcccc	240
ctacgacccc	tatatcccca	gcggccaggc	tggagcccag	cagcagcagg	gtgccggcgg	300
caatgctagg	acgcaggcgc	tgcaagctca	aatcgacgac	accgtgggtg	tgatgcgtga	360
caatatcaac	aaggtatctc	aacgtgggtg	gcgactcgat	gctcttcagg	ataagaccga	420
caacttggct	gtntnancac	aaggtttccg	ccgaggagcc	aacanggtcc	gaaagcagat	480
gtgggtggaag	gacatgaaga	tgcnatgtg	cctgantatt	ggnatcanta	ttctgntggc	540
atnatcattg	tccctcttgt	gnnggttacc	gntanagact	aaaaaaantt	tgggtacttn	600
gnnctcacna	tgcacacct	ttggactgac	gaatcataaa	tccaatattg	ntgaccttcg	660
acctnggata	tggacntt					678

<210> 681

<211> 603

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(603)

<223> n = A,T,C or G

<400> 681

tccacactna	aaatgaactc	ctcaactaaa	gacgcaaaaga	tcaccttctc	cggcgggtggc	60
aacatgggoc	cggccattat	tggcgggtctc	ctcgccaaaga	acaccaacaa	gcaaaacatt	120
tatgtctctg	aaccttgagg	cgtcaaacgc	aacaagatgg	ccgacctcgg	cgctccgcacc	180
acgcgcgaca	acaaagaggg	ctctgctgac	gctgatgtta	tcctctctgc	tgtcaagcct	240
aggtttggca	aggttggtg	cgaagagctc	agctcagctt	ggtctggagc	cgatagcctg	300
cctgtttgca	tctctatcgc	tgttgccatc	accttgctta	gcattgcaca	atggttcaag	360
ggagatagtg	ggaaggccct	cacatcgctc	gtatcatgac	caatacacct	gccctagctg	420
gaaaaggcgc	tctcaggcct	tatgctgcgc	aagatgttac	tggtgctgag	aaagaattga	480
cttctgctct	cttgggcagc	gtcaqtaagg	ctactgaatg	ggttgacaag	gaagaacttc	540

tcgatgttgt caccggtatt tctggttctg gtctgcata cttcttcgct tttgttgaac	600
atc	603

<210> 682
 <211> 499
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(499)
 <223> n = A,T,C or G

<400> 682	
caagaaagct cctcaagtgc gcaatgtcca agacottgaa actatcgcg agcgaatcca	60
gaaactcact cccaagtggg tgcctgtcaa ggggtgggac agtccctatga aggaggacct	120
tactgtagca gagacggagg atgagaggca atttgtcttt gatgtgcttg ttggaggaaa	180
cggagagccc tgagggtcaa nagtccgtac caagcaagct ccagtaccca tggtagaggg	240
tgcctctttg catctgctat tgcctcgaac ttggccaaag gaatcgatac gcctgctgct	300
gttcagtcag cgtgtcgata cattgaagct gcgattcnca ctgcgccang actgggcaaa	360
gggcattggt cctcgaacca ctccattca acctacactc ttcccttcgc tccctggctac	420
tttatcgaat ggctccttga ncccccgaag ttcttgattt ctggaaagaa tttgttttat	480
caccctttgt catggccat	499

<210> 683
 <211> 634
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(634)
 <223> n = A,T,C or G

<400> 683	
agatcacagt cttttcccaac gtcattgtcg actctcccat caatcccgcg atcgattcaa	60
caatggccat gtccctcgcg cgggtggccc tcagggcacc gcaatcgcaa tccaggcttg	120
ctgcgcgcgc cgcactatc acggctcgaa ccattgccgc ccacggacga cccctcagca	180
ccacgaaccc agctcttata cctccggct tcggatctcc gattgttccc tcttactttt	240
ctaagcctcg gctcccgccc aacacggtta ttcgattcgt gcctcagcag acggcttgga	300
ttgttgagcg tatgggaaag tttaaccgta ttctcgaccc tggctctggct gtccttatgc	360
cccttatcga tcgaatcgca tacgtcaaga gtctcaagga aagtcgccat tgagattcct	420
agccagagtg ccatactgc ggacaacqtt actttggaac ttgacggngt tttgttcacg	480
cgtgtctttg atgcgtataa aagcaagcta ttgggtcgag gatgccgaat atgctatttn	540
tnagcttggc cagacgacta tgcgatccga ganccggcaac tggacccttg accatgttct	600
caaggaacgg ctgggcttca aaacaacatt acaa	634

<210> 684
 <211> 514
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(514)
 <223> n = A,T,C or G

<400> 684	
ntttgtccaa gactgtctca aggcattcct cccctcgtae attcccatca ttganaaacg	60
aaaggacatg ccttacaccg aggcggaaaa agactggcag cagcttcgca gngqcaagta	120

cgttgagttc	aaccttggtc	acgacgcngg	tacaagcggt	tgggtctcaac	acacccgggt	180
caagggttga	gagtattctc	atgagtttgc	ccgttgactg	ctgggtggaa	atatatgcat	240
gaacccgagc	cgaaaagcag	ggagcaccgc	ctttgtaaat	gtcctcagag	acccaagga	300
gtgggtctaa	gattcttgtc	ttgaattaaa	acacaagcat	gatgcatggt	ggagcatgag	360
gtagagcgat	tgttttagtgt	atcataggta	tgtgaggacc	atagatgaga	tggggacgcc	420
catggtggta	catgctacaa	aaaccaaaca	gcaggtgcng	tntactaaga	cgcaatcaaa	480
gaantcaa	ataattttta	atgaaacct	tggt			514

<210> 685

<211> 595

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(595)

<223> n = A,T,C or G

<400> 685

gaaaaggcaa	cgttcgagtt	gtcgtttctc	cctacaccca	atctcacctc	tatccattga	60
gcttctacaa	tatatacatt	tcctatcggc	cactcgactg	ctgcagtttt	tgtcgaatca	120
agatcctgtc	tgtacaacta	ttaaaccgcc	aagatgtcaa	tgtggttgac	agatacccaa	180
aaaattggag	ttgtcttttg	ctccggcgga	ggcttcttcc	tgataggagg	tgttatgctc	240
ttctttgac	gatctatgct	tgctatggga	aacattctct	tcctcatcgg	cttgaccatc	300
attattggac	ctcaaaagac	tcttctcttc	ttcgctcgca	aacagaaaca	aagggtacgg	360
cggcgttctt	cctgggctta	atacttatct	tcatgaagtg	gacctttatc	gggttccttg	420
tggaacgtat	ggtatantca	tcttgtttgg	agattcctag	ggacaatgcc	ngcttcgcgc	480
gaagcttgcc	tggttgggga	cctatatcng	aatgggtgtc	acagaatagt	cttggaagac	540
aaacccaact	cctgtctatt	ctcnggacta	aatctcncaa	aaactaatan	tccaa	595

<210> 685

<211> 602

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(602)

<223> n = A,T,C or G

<400> 685

ctcactccca	ggcaactttc	aacaaacott	tctactcaac	catcgacatc	tctcctgctt	60
ggttagatctc	tcactttctac	ggttagtgtc	tgtcccgag	gacgacattg	ctattttcact	120
tgtctatcca	ggccttgaca	acccaatcca	tcagtcact	catctccgag	cgatcccgcg	180
acaatggcgg	attctaccaa	cgcccccaag	ccaagcagta	gggtcaagct	ggtgcttctt	240
ggtgaagctg	ctgtcggaaa	gtcatctctc	gtattgcgct	tcgttaacaa	tgacttccaa	300
gaaaacaagg	agcccaactat	tggtgctgct	tcttgactca	gaaatgcaat	ctcccaacaa	360
ggaccatcaa	atttgagatc	tgggatactg	ctgggtcaaga	acgtttttgcc	tcgtcggctc	420
ctatgtatta	tcgaaacgcc	caggccgcct	cgtcgctacg	atctacacaa	cccacatcct	480
ctatcaagcc	aacactgggt	tgttgagctg	aacgacagct	tctccggatc	gtatcgcaat	540
ggttaggtaca	agctggatct	tacaggcgac	tcctcatgcc	gaggtncgat	ggaagagggc	600
ac						602

<210> 687

<211> 432

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(432)

<223> n = A,T,C or G

<400> 687

aaaacacccn	aggaacnctc	gccgcacaaa	caacccttca	cttatccacc	tcnacacagc	60
cgttnaaaag	gatggcctca	acttctcgtc	cggccaaacna	caactcatgg	ctctttgcgag	120
agctcttgtc	cgaggtgccc	agatcatcgt	ctgtgacgaa	gccacctcct	cagtcgacat	180
ggaaacagac	gacaagatcc	aggctaccat	ggcgggttggc	ttccgangca	agacattatt	240
gtgtattgct	caccgattgc	gcaccatcat	tggctacgat	cgcctctgtg	tcttggatgc	300
gggacgtatc	gctgaattgg	atacgccatt	gcagcttttg	aaacanggaa	gcctcttccg	360
cagcatgtgt	gaccgtagtg	gtattagaat	ggaagatatt	cacngccnag	ggaagaactc	420
ggtagtgcga	ta					432

<210> 688

<211> 621

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 688

tttcaactctc	acctcaacat	caaaagcgat	ctctttctct	tcctcttcca	cccaatctat	60
ctttactcct	tcctctcacc	tcaccacctga	taccccttaa	cttacccttc	caaaacacac	120
agccaaaatg	acacaacgcc	taaagctcac	cagcgccaac	ctctccacca	ttgcttgcga	180
gcagggagag	caaagagtc	aggctccatc	ctacgacgc	aagtctctca	aggagggcat	240
cgtccacgtc	ggagttggcg	gtttccacag	agctcacttg	gctgtctacg	tcgacaagct	300
gcttgagaag	caoggtgagc	gogattgggc	catctgsggt	atcggcctgc	gtcccaacga	360
tgctgccatg	cgcgatgttc	tcaacgcaca	ggaccacctc	tacaccgtaa	ttgagcgatc	420
ccnaaagggt	agcttcgcgc	atgtcgtcgg	cagcatcaac	tccttncttt	tcgccctgat	480
gaccgtgagg	ctggcattgc	aaagatggnt	catccgacac	tcacattggt	tttttactat	540
tactgagagn	ggntactact	acaacgagaa	cacccatcaa	ttggaagctg	agcattcttg	600
cattcagcac	gacttcaaga	a				621

<210> 689

<211> 591

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 689

aggcccgtat	gactgagget	ggcctattgg	gtgacacacc	cgaccaccca	gtcgttgacg	60
tcctaggcta	tggccacatg	ggcgattcca	acctgcactc	caacattccc	gtgcgcagat	120
acgatccgcg	cgtcgagaaa	gccttggagg	cttgggtata	caggtggatt	cagaagcgca	180
acggcagcat	cagtgtctgag	catggcttgg	gaatcgccaa	gaagaattca	tcggctacag	240
ccgagacgac	accastatcg	gtgtgatgaa	gcagatcaag	aactatttga	tcctaattggc	300
atcatgaacc	cttacaagta	tatctgatac	ccctgtctct	tggtttcgta	tacgaatgcc	360
agcatataca	tatcttacc	ccttgctctg	cagcgtcatg	cattgcatgc	tgcttgcctca	420
actgattaca	cccccgtttg	andtatagta	attgtggttg	ttacggagcg	aatcagaatg	480
cgtagacttt	tgaataatgg	tgccaaaaca	tgattnanca	atgctgtguc	gtattgcact	540
gtgggactag	ganaatattg	tntatcgatn	ttaagccatg	aaactctntt	g	591

<210> 690

<211> 591

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

```
<400> 690
gcagggtgca aggtggcaga catgttacct agcacgtttg ttctacttg cgggaggtgc      60
tctacccag cccaggtct cgtctcagta cgaggatcat cagtgacaaa tgtctgccga      120
gactgtcacg gtcattttac ctttaaaatt cccgaagtca agttcttggt catcaccccg      180
gggtctcgcc cccaccaac ctccggctct cgtcggaaac aagagaagct tggctctgcat      240
gcgggagacc aactgcccga caagggtaca tgctcgact accgaaagtc ataccgatgg      300
tttcgcttct catgtgcag cgcgtacac cctgcgaca agtgccatga caaggcagga      360
agaccatata aacgaatggg ccaaccgcat catctcgggc tgggtgtagcc cgcgagcaga      420
attactcgte ggtgtcgag ggtgttagat ctgcggccg ctacctgata ggtaaaaagg      480
gaanggggtt tctgggaagg tggaaaggga acgatgagac aggacgacga ttgagtcgga      540
aggatccag aaaagacaag aggattggta ctttggcggc caaagaaaag a      591
```

<210> 691
 <211> 630
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

```
<400> 691
ctctgttgct gaacaatttg gtaacttgag agatactttg ggttcagtat tgggcatctt      60
cactttgatg cgatggatcc gaactttgat cgctaagatc actggtcgcc cgcgcctgc      120
cgatgcgact gctctcacac cggctgcctt tgctcgtttc gaaggccgca gtattggtec      180
cgatggtaac cctcttcttg ccaaggccag caggaagcct ctcatcttct ttgttctggc      240
cgcgttcggt attccttate tcatgtccaa gatgattaga tcaactgctg cttcacaaga      300
acaggagcag aggcgtctcc aagcacaggc cattgaatca cagcagcccg tcgacccctc      360
caagctcgag ttctgcccag ttaccttcga cttcctgcct cagcccaaca ccggcatgga      420
acttgaggct cgcaagggcg acctcgctgc tgttctcaac aagaatgacc catccggtaa      480
ccccagcgag tgggtggcaat gcagggtctg cgatggccgn caagggtatc tacccttact      540
atctcgaggg catcaagcgt ctgcgcaaga ncccaagaaa cttaaggggc gccctagcga      600
gagtangccg gacaaacttn attggcaagg
```

<210> 692
 <211> 523
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

```
<400> 692
cgcccgagcc tcttctcgte ttcatctctc ccaagaagtc ccacacataa ccttcaagat      60
gaccaagoga acaaagaagg tgggtgttac cggtaaatac ggnacccgtt acggtgtctc      120
cctgcgaaag caggtcaaga agatggaaat caccagcac gccaaagtaca cttgcacctt      180
ctcggaagaa actacgtca agcgccaggc tacgggtatc tgggactgca agtcttgcaa      240
gcgcaccgtc ctggtgtgtg cttacgtcgt tggcaccctc gctgcgctg ccatgcgac      300
aactctgoga cgactccgag agattgctga ggtttaaggg tggactttag cgaacaggga      360
```


aaatggcttt	gcttttcggt	atggtgtacg	gggggatatg	atttcgtgcc	tacattacga	420
ggtgacgac	tggacgtcga	caccogaact	tgggtcacat	agaagccgat	cgaatagcaa	480
taaacaaaa	gaattgcatg	gtttcggatc	caaaaanaaaa	aaa		523

<210> 693
 <211> 948
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(948)
 <223> n = A,T,C or G

<400> 693						
ttggnnaggac	tttcatcaat	atatttgacc	acttcgcata	atttcgtaat	taactaaagg	60
tccagaaatc	attcgaaatc	aaacaaaatc	caggcgccat	gggattctct	actgtcaccc	120
cctgtctgac	tgctgttttg	ggcgccagcg	gggtttttag	tggtctcaat	ggcaaggctt	180
ccgaacttac	cattagcgac	gaccttaaga	ttctctggtg	ttctctctct	gagttctgcc	240
ccggagacca	cgcagccgat	cttattaaga	ttgaccgtgt	tgattttgtc	cccaaccctc	300
ccaaggctgg	ccaggaactc	ttgattaagg	ccaagggatc	agttaaacag	aagatcgaag	360
agggcgctta	tgctctcttg	accgtcaagt	atggcctcat	ccgcctcatc	agcaccaagg	420
ccgatctctg	cgagcagatt	ggcaatgtcn	acctcaagtg	tccccgtcna	aaaaggggca	480
agtcgagggt	attaagagcg	tanaccttcc	tgctgagatt	tcactctggc	aagtacaccg	540
tgctggccga	tgttttcaat	ggcgatgatg	tacagattac	attgtttgac	ggcacccgtc	600
accttttttt	tgtagcagca	agggnttttt	ttgggcagcg	atctgtgatt	ggaattatgg	660
cgcacacaa	atacgcacga	tggaatgaat	tacagctggg	cacggtctaa	tggattttct	720
tgctgaactt	gggtttttgg	gaatttatag	ctcaagtaga	gcataattga	ggcgcttttag	780
aattctattt	gcataactga	caaacgagtc	catcgacatt	tactccacct	cgttccactg	840
tatacgcac	gccttgcagt	cttgcacaa	gttaccacgt	cnataaaaac	caatactggc	900
tcgcgagtc	ttcgcccgca	ttgatcgcen	ccentatgct	attcgctt		948

<210> 694
 <211> 808
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 694						
aggctatgtg	ggacaagctc	agccttgctc	gagtgtagac	aaagcccaag	ggcaagcagc	60
cagattaact	tcaacctgtc	gtgctccgag	cttcgcgctg	caccgttgaa	gattttctgt	120
acgccattca	togaagtatc	acggagggtt	tcaagacagc	catcgtttac	ggcaagctct	180
tcaagcatca	gcctcagcgc	gttggtcttg	cccatgaatt	atgtgacgag	gatgttgtaa	240
caattgtcaa	gggatgaaag	gataacttgc	ggagattgaa	ggggacgac	ccacggcaac	300
ggcagaagct	tggtgaacta	gattgcttgg	actgcccgtt	tgcacacagg	gtgtcaccac	360
aaagcattgg	acagtcagac	acctctagtc	acgcgaactc	ggttttgtct	cgagtgggtc	420
aaagaaatag	agggagaaac	ccggcgaggc	gggggggatg	togaatgcaa	tagaagtcaa	480
taaggacagg	gctgacactg	gatgcaaggg	tacagacacg	tntggctggc	aacaagaatc	540
gaactgtctc	ancaggcagc	ataatgatcg	gcgcaagttt	ncggggggagt	taaaaaatgg	600
gtgctactcn	acaaacaggg	tgatgggtta	anaaaagggg	gcaaaatatt	aggtcaacgg	660
gcaagacaca	atgancaggg	gacagacccn	atttanaaga	caatggaaaag	caagacgggt	720
acttcggcgc	gaagggaatt	acacnaaatt	tttntccggt	tggonacccg	atgaacaaaa	780
agcaccnctg	tggtggaatt	taacccca				808

<210> 695
 <211> 895

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(895)
<223> n = A,T,C or G

<400> 695
agacattctt cttttttcaac cttctttccct tattgcgtgg gaacatctcg tttttctctc 60
ctctctgcgt atccccgagc gctcttatcg atcgtctcct tctccccctc cacttattcg 120
aatttttagag agccaaaact cgccgcagcg tagccccgcc gtcggaaacc caagatacgc 180
ttttcaggac aagagtcctt accttatctt ctgcaacacg ataataaaaa acaactccaa 240
aaaccgcaaa aatgggttaag gaaaccaagt actatgacac actgggtgtc gccctactg 300
ccactgagca ggagctgaag aagcctacaa ggtcggagcc ctcaagtacc acctgacaa 360
gaagcgacac aaccccgatg ccgaggaaaa gttcaaggag gtctcgcatg cctacgaat 420
cctctcggat ccccagaagc gacaagttta cgatcagtat ggtgaggcgg gctccaagg 480
cgggtgcgga agtggtggca tggcgcgca agacttggtt gctcagttct tcggaagtgg 540
tggtttcggg ggcattggcg gcattgttgg cgggtggcgg atnaaccgcg gccccccaa 600
ggcccgcaacc attcaccaca cccacaaggt ctccttgga gatattctacc gngggaagat 660
ctntaagctc gctnttcaac ggcaatcatc tgccccagt gcnaggcctg ggtggaaagg 720
anggccttg naaacnctca ctggctgnga tggccacggg atgaaaaacna tgatgcgcag 780
atgggtccat gaccancctt ccaaactggt gcccgcactg aacgggaggg gaaatatnaa 840
gaaaagacng ttcaanagtg tacggaaaaa acctgncac cgaggttttc cctca 895

<210> 696
<211> 583
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 696
gatgcggcct ttctcctttg catccatccc tcgcgtact cgcattacca ctggaatcaa 60
cccgtttttt actcaacctc gcaactttct ctttacacaa gcaatcatgg gtgtcgaaaa 120
gactatcatc acggagggtg acggcccttc ccccaagggt ggccagacgg tcagcatgga 180
gtacactggc tggctccagg agaacggcgg caagggcaag cagttcgata gctctgtcgg 240
acgttggtgac ttcgatgtca agattggcgt cggtcaggtc atcaagggtt gggacgaggg 300
tgttgctcag atgaagcttg gcgagaaggc tactcttttt atcacccctg actacggcta 360
cgggtgctcgc qgcttccccg gtgccatccc tcccaactcc actctcctct tggatgttga 420
gctcaagaaa atccgataaa tgtgctcttt aactcccgtc acctttcgat cgatctcgga 480
gcattccaggc cctgacgagc ccgttataag ctagcaatgt tcaacaaaac cttataaaaa 540
tcaaccgggn gttcattata cccctacata catgcagcac tta 583

<210> 697
<211> 622
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G

<400> 697
ctcttcacct cttactccct caactctttt cttccccctc cccaccaatc atccctacgg 60
catccgaagg tgtctgtat attccctccc ccttcgcatt ccgcgcgcc acattatcac 120

cagtaacccat	gtctctcgcc	gacnaatcca	accgcacgt	cnaacaattc	gacttctccg	180
acgatgatct	caacagaagt	gtgaaagaat	tcttgaggca	aatggacgag	ggcctccaaa	240
atgagggcac	aagtctccag	caaattccta	cctacgtcac	cggcggtccc	aacggcacia	300
aaaagggcct	ttacctagct	gntgatctgg	gaggcacaaa	cttcaaaaagt	ctgctccatt	360
atgctgaatg	gcgacaccac	cttnaacctc	acttacaaca	aggggtgctat	tccaaaaacc	420
ttatggncgc	aagcacctna	acaaacctgt	tnttttttct	cgccaagcaa	ancnaaatct	480
tctggaggga	caccccgccc	gagcactttt	aacttccact	tgngccggcg	gaacaccttc	540
agcgccccct	ttgggttatt	gnggaagaac	acaattttcc	ggttgggctt	cactttaatt	600
tccccgcaag	cagctttgtt	at				622

<210> 698

<211> 577

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(577)

<223> n = A,T,C or G

<400> 698

aaaaacctat	tgcagatac	agattaaact	tcactatct	tttgtcttcc	ctttccccct	60
ccacttaatt	tttcacatct	catcttgaag	aagagcaaaa	tcactatgcc	agtgattgac	120
ctgggcgaat	ccatcccttc	tgatacagca	catgctgtca	gtgtctccct	tccaacttgg	180
aaagccaatg	ttgggtacga	ggagggtgaa	gattgggttg	tgaaccgtat	gaccacaggt	240
tacctctgct	ttttcgttca	cagaggcatac	caggcatttg	ccaaagaaat	cgtggatcgt	300
tatggcagcc	ccggccagca	agctatgctc	ttccctacac	cgcgagtagc	aaatcggtgt	360
ctggatttta	tagtccaaag	gatctccctc	gagctggcga	gtcagggtccg	catcttcgac	420
tttgcctctg	acaagtcaaa	gganctctct	cctgtattaa	agaaactcac	ttctactatc	480
tctgctgtgc	tttatccctc	tgagggtattt	ctattgcgaa	acaataactg	cnacatactg	540
gaaaagggtta	cttcacagcag	gcgtgcgcag	ttttgtc			577

<210> 699

<211> 628

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 699

cgatattgca	ttgcagttgg	ttgttgactc	ttattgattg	tctcctttta	cgctcgtcttt	60
atcgtcttta	atcctttttc	acttcgcgt	tttaccgttg	tactcgagta	atcaaccgac	120
aagatggctt	ctgcagctgc	cgagaacgct	tcaccgattg	gtattgccaa	tctgcccaac	180
cagcgacaca	agattgtgcg	gaagcgtggc	gccggcttca	ctattatggg	tgctggcgag	240
tctgggtctg	gcaagaactac	cttcatcaac	actctcttct	ccaccaccat	taagaactac	300
gcggaaccaca	agcgaagcca	ccagaagcag	ggttgcaagac	cggtgagatt	gagataccaa	360
naetgacttg	aggagaagtc	ttcaaggccc	atgaccccta	ttgatacccc	cggatttggc	420
gactattgta	acaaccggga	ctcttggatg	cccatcatcg	agttctngac	gancagacga	480
gtctacatgc	ttaagagcag	aagcccgccg	taaggacaga	tgcacttcgn	gtcatgctgc	540
tggncttata	gccttaaggc	caaccttaag	ctttgcattg	nygcattgaac	ncnttggctg	600
gcgtaactgg	atcttggtnt	tgcaagng				628

<210> 700

<211> 1034

<212> DNA

<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1034)
 <223> n = A,T,C or G

```
<400> 700
ggtgctgatg tcatgaggt cgccaaggcc gtcggtgttg acccccggtat tggtaacaag      60
ttcttgatgg ctggtatcgg tttegggtggc agctgcttca agaaggatgt tctcaacctt      120
gtctaccttg ccgagaccat gggctcttccc gaggtcgctg agtactggcg ccagggttgct      180
aagatgaacg agtacgcccg tgaccggttc tccaaccggt gtcatacaagt gcctcaacaa      240
cacgcttgct ggtaagaagg tcaactatcct tggctttgct ttcaagaaga acaccttcga      300
caccgctgag gctcccgcct ttgagatgat caagaccctc ctcgaggagc gtctctgtga      360
gategccgctc tttagacctt gctgtaacct totggttata aaggctgaga tcaaggagct      420
tctcggtccc cttgctgagg gccacaacat caccgtccac ggcaatgcct acgacgcctg      480
tgagaagaat accgccatca tcatcgctac tgagtctgac gaagtctcgc aacaagcctc      540
ctccccctcc tgcctctcaa cctacggtca agcccaagac tatctggcgg caagcctaac      600
cccaagtcctg acccccgctc cttcaaggag ggtggcagcc ccaacgagct cctcgctctc      660
cacaagcctc tcttcacgag acccgacgct accacccacg accctctcga gcgcttcaac      720
attgagccca gctgtgagga cgactgccct gactgcaccc aggagcgtga gagcaaggag      780
agcggtctcg ccaactggat gggaagcctc cgaggagtac aagcccaagg agcgtgttga      840
ctgggtccgc atctctgaga gcatggccaa gcctcgctgg gtctttgatg gccngngtgt      900
cctcgattct cgggagatgg ttaanctggg cgtccgcgct nagaggtgct ngctcgtcagc      960
accgnttcta gatggcctaa ttggatttaa gnnttatttt caacnggcga ctttttaaaa     1020
ttttntttgn atgn                                     1034
```

<210> 701
 <211> 871
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(871)
 <223> n = A,T,C or G

```
<400> 701
ctgggtatgaa cctcgacccc tacgatcgca gttgaatccg aatacacact gcgcttcgcg      60
actttcaagg tccgcggctc cagcaaacaa ccaactaacg ggacagcata atcgacaact      120
gatcacccgtc acaatggggc acgcagtcct tgagggttcg aactggcgcc tctgtgaggt      180
tgcccgagtc gttgttatca acggcgacca ccccttcgct ggccacctgg ccacgatcgt      240
cgagatcctc gaccacaagc gaattctcgt cgacggctct tccgcgaacg ctagcctcgc      300
cactccccga caagctgttc cctcaacaa ggttctctct tctctctctc ctgttgaggg      360
cctgaaccgt ggttcccgaa ctggtgtcgt ccgaaagctc tgggagaagt ccgagatcga      420
ctccaagtgg gagcagacca actgggcca aagcggggac cagatggagc gaangaaggc      480
tcttacccgac ttcgagcgtt tccaggttct ccgactcaag aagcagcgac gattcgaaaa      540
gggcaaggct ctggccaang tcaaggcctc cgcataaatg ggttatttag ctggagtcac      600
gggaggtgct tgaaagtcgg gtttaaatca agtggcacgg aacagggtac naaacacaat      660
caccggttgt atagaggtcg ctggattctc ttttcgttcc gttctggaag gctgtatgcc      720
acatttctgn tttttcaaga tgaacggcgt caatacggaa attctgagat caactgaatt      780
cttagcctga ggaagcccaa aaagaaacat gattcattgt gaagtcttagc caaataaaaa      840
atgaaatgaa taacccctaa naaaaaaaaa a                                     871
```

<210> 702
 <211> 846
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(846)

<223> n = A,T,C or G

<400> 702

cgcaccattg	aaantcggtc	cttaacttttg	tggtataaaa	ccagacatgt	gcgaagcaac	60
ttctcttttc	acccacaaaa	ttctcgagca	cactagatgg	ttcgggtgaac	caccttgcg	120
aagaaaacag	ctatcaattg	cgagagaacc	agttgctaac	catggttgctt	gcaatgttac	180
cagccaggtt	acctgtgcc	aaggcgcttc	cagcaatgct	ggangcggtg	ctgaacttgt	240
cgcaccgaga	gaagccagg	tgttcatgat	tgtaagaaca	agggcgatga	caacgagagg	300
cagccatagg	aactgtagtc	gcacgagagc	aagaataccc	atnagaaccc	acagcatagg	360
ctggatatac	agagcgagcc	acaaaaaccg	ctgtccgtan	ggttgatggt	cttggttcca	420
ggctcactgc	tctcaaacac	ccactgogac	tcgcccgaact	gggcatcaac	ctcgttccac	480
naacgcagac	caacgagaca	acaaccagca	atgttcttga	tgtagtaaaa	gtcgccggcg	540
aagaaaaaaa	tggtaatgat	gaaaatcatg	atcatgcttt	gtatgatcca	caggccgaga	600
aagtagataa	ggacacttga	tattctgaag	ccgaggaaag	tgaggagcgt	aatgggatgc	660
gcgctgaggc	gccagctaag	agcgcccggc	gcggcggggt	gtgggttgct	ggcatccatg	720
atagatggaa	tangttgcag	atgttccagg	attcgtaagg	gtatctcgat	ttctctccgt	780
ttcaagggaa	ccgtagtcgt	ggagaaaaat	tgccaaacta	gaaaaggagc	gttggttccga	840
ttcttc						846

<210> 703

<211> 1149

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1149)

<223> n = A,T,C or G

<400> 703

catcaaagg	gaaaacgtta	cctatcaact	ctccttcccta	taaagctaac	tggtctctcc	60
tctgtttttg	taaaagattc	tgaaaccta	tccaagttat	tgtagtacct	atagaacaaa	120
cactcccttt	ttccaatctc	attccttgtc	tatccttggt	tagctttatt	tactattttt	180
cgacacaaa	accaacacaa	atagacatca	tggttgaggc	tcagttgaac	gatttccctt	240
cgctttttctc	cctcaaaggc	aaggctcgctg	tcgttacccg	tggtctctcg	ggtctaggct	300
ttcacgcagc	ttcggtcttc	ctacaagcag	gcgcatacaa	agtcttcac	tcaccccgca	360
aggcctccgc	ctgtgaggaa	gcttgcaagg	ctctcaatgc	gcttcccaac	ctttcacccg	420
gcgctatcgc	catctcagtc	cctgccgaact	cctccaagtt	cgaaggcgta	nanagtctgc	480
tgcgcaggt	caagaagcac	actgatcgcg	tggtatccct	ctttgccaac	gctggcgcgga	540
catggggcga	gtcttttgat	acgcccctga	ctctgccttt	gccaaaggta	tggtatctcaa	600
cgtcaaggct	gtttttcaaca	ccatccgtct	cttcacacca	atgctcgaga	agagcgcatc	660
catccaggac	cccagccgcg	tcacatcac	agctagtgtt	gcaggactcg	ctgtcggcac	720
catttgaaag	cagggaactt	acggttactc	cggcagcaag	gctgcggtgc	tacatctcgg	780
acgcaacctg	gctatggagc	tgggaccccg	acacatcac	gtcaactcca	tctgccctgg	840
tttcttcccc	agcaagatgt	ccaacggaact	gctggagatg	tcgggtgggtg	ccgaccagtt	900
tgccgcttcc	aaccccatgc	gcagacttgg	tcagcctgag	gatattgctg	gtgtcgttgt	960
ttattttggt	agtcgggccc	ggatcgcatg	tcaacggcga	gacggttgct	attgatgggtg	1020
gtgcccgtg	gcaacgtgga	gagctcatga	ttgcggagaa	ggccaagcta	taagtgtttt	1080
cggcgaaaca	tttattataa	aggcaaccac	taatttatag	catttgaatc	gaaatacaat	1140
atcatatgt						1149

<210> 704

<211> 742

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

```

<400> 704
ggtcgctccc atttccgata tccacggcgc cctcataaa aatcatccaa aatggctgct      60
cttatcaagg ctgcgaacgc caagatccgg tccaacccgg tatctgacta catttgctcg      120
accacattct ggggccctgt ctccaacttt ggtatccctc tggctgccat catggacaca      180
cagaagagcc ccgagttgat ctcgggacag atgactgggt ctcttatcat ctatgccggt      240
acctttatgc gatactctct cgtgtgcacc ccagaaact accttctctt cgctgtcac      300
ttcgtcaacg ctggtgctca gtcacccaa ggataccgat acctgaacta ccactactgg      360
ggcggaaggg agaacatgcc caaggagcag ctggtgcaag cggctgaagc tgccaagggc      420
aaggtagaga agccacggag aaagttcaga acgctgtcag taaataaaga agatgctaga      480
cagacggcca ctgggaggat cggatatatc ggctgtaagc cgtccatata atgggancgc      540
ccccgggttg gggttcggga ttccgaaaat ttcateanca cacaactacc gcaccatgac      600
tttgtncctt tacaataatt tgttctcca tcgtctagaa ttggcactct gaaaccgggt      660
actgcagtac ttgtgccgga aaaagtgtgt gaaggatcaa attgganacc naatcatcca      720
aatgggttaaa caaaatatnt ct                                     742

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<210> 705
<211> 408
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

```

```

<400> 705
cgaggatggc cctcanntgt ttcacgctga gccacgtggg accttctacc gctacgacgc      60
caaggccatc ggttntggct cagaagggtgc acagggtgag ctccagaacg aataccacaa      120
gtctttgact ctacacatg cagagactct tgttctcaaa acattgaagc aggtgatgga      180
gganaagttg gacgccaaaga acgtacagtt ggctagcgta accaaggaga agggcttcag      240
aatatacaca gacgaggaga tggccgcagt cgtggagcgg ctgccagcca actaaggaga      300
tgttacccac gaatcaagag aaattacgaa tagacacaaa ggcacccaag ttgggggcat      360
taacggtatt aatacaatga tccgaaacat gtttgnagga aaaaaaaaaa      408

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<210> 706
<211> 253
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

```

```

<400> 706
tgacaagatc cccgttctta tctacgctgg tgatgctgac ttcattctgca actggctcgg      60
aaaccaggcc tggacggata agcttcagtg gtctggccag aaggacttca gccacgccga      120
cttcaagcct tttgagcaag ccggcaagga gtacggcaag gtcaagtcca gcggcaactt      180
tacttttatg caatctatg gtgctggcca catgggtccc atgggacagg ccgaagcttn      240
ttctgacttc ttc

```

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<210> 707
<211> 535
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(535)

```

<223> n = A,T,C or G

<400> 707

caaaatggag	gcacggtctc	tcaaagcatg	ggagttggac	aacaatgtcc	agttagttga	60
cccaaacgc	gacgtntct	acaacttcga	tgccgatgct	caaaaggcca	tcaataagga	120
acaaccngg	aagcaagatc	ccagtcactt	caagcatgta	cnaataagtg	ccaccgccct	180
cataaaaatg	accatgcatg	cccgctccgg	cggcaatctc	gaggtcattg	gcttaattgca	240
aggctacacc	caaggcgacn	ntttcatcgt	caccgacgca	ttccgacttn	ctgtcgaagg	300
aacagagact	cgagtcaacg	cccaagacga	agcgaacgaa	tnntttggcg	atatntaacc	360
tatgccgacc	caagggccca	agaaaacgtn	ggggcttgta	ccacagcacc	cggtntggg	420
tgtggtgagt	gnatcacggg	acctgaacct	gcacacaatt	caggatcctt	tnntgttggg	480
ggancacccg	acgacattac	tnggnaaggt	gaatnggccc	ttaaactccc	gcgat	535

<210> 708

<211> 385

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(385)

<223> n = A,T,C or G

<400> 708

agcnngactg	ctgctgcgga	aagcggcgac	atgttactga	gggccaat	cctccgcgga	60
gcattgccta	atgtgcccac	atccggttat	tccgaagcga	ctcgcgcaat	cattcagact	120
tcagaacaaa	ataccatac	tgntctcgtt	gaaggctatg	gtcttcgtga	atgtatgact	180
acggagggtg	tgattggcac	caaggcaagc	accaacaacg	tcattggaatg	tagggacgtg	240
cttggtatcg	aagctgcaag	aacaacaatc	gctgncgaaa	tggtctctgtc	atgggtgata	300
tgaatattga	tccccgccac	atgcaacttc	ttggcgacgt	gatgacctac	aagggngagg	360
gtcttggcat	cacacgtttc	gggtt				385

<210> 709

<211> 547

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(547)

<223> n = A,T,C or G

<400> 709

ccctctgttt	ctacactgtc	gcaacgcggt	tgatgatttc	gtcgagacaa	tgacctcata	60
catggagaag	ctaccccgcg	gtggattagt	acacagcttt	gttggaagcg	catctcanat	120
gganaaaactt	gtatccatgg	gtttcggagt	gagcgtnaat	ggattcantt	tccagaccac	180
anaaagtcta	gagatgggtat	ccaanattcc	tctcgatgcg	ctacaactcg	agacggatgc	240
cccggtgggt	gaactcaaga	gcacatctga	agtantcaaa	caatactgcg	ccaacgccag	300
gcctctgcgc	gcgtcgaaga	agagggataa	gtgggatggt	aagtgcattg	ttaaagagag	360
gaatgagagt	tgcaatattg	agaggtttgc	tctgattgtg	gcgggggttg	aggggtgtgc	420
gtttgatgaa	gttgcgtgaag	cggcgtggan	gaatagtgtg	aggatgtttg	gacttgnacg	480
acgatnaatg	ttcaagagta	aataatagtt	atacgaatga	agcgatcaan	tcgccaat	540
tjttgag						547

<210> 710

<211> 533

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(533)
 <223> n = A,T,C or G

<400> 710
 naagaactaa cagcncacc cacncccatc tccagacact ttacatcatc agccgataac 60
 tactactaca tgatcaccat gatcgacaat gtcttccgat cagcagattg tcttcaccaa 120
 aaacgccccct gcggegett gcccctactc taaagccatc aaaaccccc acatgatcta 180
 ctgctctgggt cagatccctc tcaactctga gggcgagctt gttcagggtg tcaactgagca 240
 aacccgctcag gcttgcaaga acgtccaggc tgtcgtcgag gaggctgggt cttctctttc 300
 caaggctggc aaaactactg gcttcatttc tgacatggcc tactttgctg agaatcaaca 360
 caaaatacga gaagtgggtc tctcacaagc cagcccgtag ctgtgttgct gttaanactc 420
 tccccanaaa cgtcgatggt gaggggtgagg tcattgctct tcttaaacc cgaatgatt 480
 aaaagaaaag aaggggtgatc atatagaacc caataaaaaga aattatccca gtc 533

<210> 711
 <211> 505
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

<400> 711
 ctccacttgc tttgcatttc gccatttca atccatctac catcctcagc cggccgagct 60
 cctgttttctg tccatcgta atttctcttc tnnaaagtcg ctcttttctg ctctgttccc 120
 ttganccoga cttggaccta agcatcgctg ttcctcttca cgattctcat ctcgacaccg 180
 cctnttggnc cccggaatct cgtttaatct ctctgtctgc gcgtcaacca cccgacacca 240
 ctcaccggc cgatcagat gaattctcan ggcaacaacg atgtctccc cgaggctatg 300
 caatcgcnaa ttcagcaggc tcgtcgcgaa gccgaaactc tgaaggaccg aattaagagg 360
 aagaaggatg accttgccga cacaactctt cgcgcagtcg cgcaacaggc acatgagcct 420
 attcccaana ccagctcatg aaggctaagc gaacgctgaa gggtcacttg gccaaagatt 480
 acgctatgca ctggtaacc cgaca 505

<210> 712
 <211> 556
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(556)
 <223> n = A,T,C or G

<400> 712
 caaggactgc tgcacagttc aaactgactg tatgggatta tgactttgct gacaagcccg 60
 acttttttggg tggagccgac atcaatctcg agtctctgga tccgttcaga ccgtctgaga 120
 cttaatatat tctcgacggc aagtcgggaa gcgtggcgt cggacttcta ttcggnccg 180
 cctatgttca gcgagcacgt cagggcacat ccaccttttg cggcactttc tcgtcagctc 240
 ctgggcgtat cgtcactggt gtgcgcgggt caactatcaa gggcggtggt gctgtggggg 300
 gagtgtttgg ccacggcggt ggtagggggt cttcattctt cgtcgtggt atcttcaaca 360
 agaaggacaa caacaatgac gttatcgaag aagacaatga aagttgttga gcctcaaggga 420
 ttaaacctta atggtaacgc ttgnggcaca tggcggactt cgnccatcgc ctgctattaa 480
 caggaaggt acttcgaatg gnaagtgcga cccctaccag caatggncat gttangtccn 540
 aaaagttttg gccagt 556

<210> 713
 <211> 643

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G

<400> 713
cactgacgac gacgatttta aacgaaacat accgagtacc taaactttct ctcctttatc 60
aaacccaaaa gccctggata ctgtataggt gacgctgtga accgtaaccc tctttcagcc 120
tgaccccaact acccgacact gagtcgagac tcgctacgct attttcctgc ttcaacaaca 180
tcagacgaga ccgactctac aagaggaaca ggacgggttac tcctcatcct catttatatt 240
aatctttccc ctcatacaacc tttagcgatca acaaccgtag acatgtgggg ttgggtcggg 300
ggcgccgcgg ccagagaagc caaggatact cccaagaatg cgatcctcgg tctgcgagcg 360
cagcttgata tgcgcagaa ggcgagagg tatctccaga atcagattga tgagcaggat 420
ggcctcgccc gcaagaacgt gagcacaacc aagaatgcgg ncaaggcggn cttgaggcgc 480
aagaagacac acgagcattc gctcgacca aacgtttcgc aaattggtac tttggagcag 540
cagatcaacg ccacgagtc ggncaacatc aacaaggaga cattgggccc gcattgagcg 600
acgccaacgc ngnaatgaaa catatccaca agggtcntac ang 643

<210> 714
<211> 590
<212> DNA
<213> Fusarium venenatum

<400> 714
cctcccagge cgtcatcacg ttacggttgc agtcgccttt gacgagtctt gacagcctat 60
tcacgaatgtc tcacccagaag aacgagaagg aagtcgggtga tgctcccaag agccaccgca 120
tcogaattac cctgaccagc cgaaaggctc agtctcttga gaaggtcagc gctgagotta 180
ttgagcgagc tcgcagcaag ggctccacca ttaaggggcc cgtgcgtctc cccaccaaga 240
acctcaagat caccaccgca aagaccctt gtggtgaagg ttccaagact tgggactctt 300
acgagctccg cgtccacaag cgcctcatcg acctccacgc cccaccgag gttgtcaagt 360
ccgtcatcgt caacatcgag gcgggtgtcg aggttgaggt caccatcgtc gcttaaatgt 420
ggtcacggtc ctaatcagtg gtaaaaaagc ccggtggtgt cctggcattg tgaggggaagg 480
gaatgatggg aacatcagga tcttgcccgc caacaagagt ggtggatata ggatactcag 540
tcattgattaa tgaatatctt gagaaccgcg tgttctacca ttcaaaactt 590

<210> 715
<211> 496
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = A,T,C or G

<400> 715
cgttgatgct tctgagaaga tctactgccc cctccttcgg tgtttgaagt tcaatccaac 60
atccttgatc gtgacaaagt tgagaactgg cctccgtgaa ggtctctgaa gttcccaacc 120
ctttcaaaagt actcgttgcg tgagaagggt cgtgtctctc accgtcttat ctggagttcc 180
agcttcagag ccttcttctc taccaggtac ccaaggacaa gggattcggg ctcganggtt 240
gogaaancct tgttcccggt atgaangcct tatcganccg agtggttgact aaggtgtcaa 300
qpatatcgtc atcgggtatgc cccanccatg gtggtcctcc agtctctctc aaggtcgtcc 360
cgaaagacaa acgagtcacat cctcaacgaa ttggcctggg aaatcctggg ggtgaaggat 420
gaaggctcct gggtgacttc aagttaccaa ccccggtaat gaaactttcg agcggcccca 480
aagcctctct gggaaa

<210> 716

<211> 586
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 716
 ctgagtacta actgtaagag gtacctgact tccagggtcga ctctcacctt ttaccccatac 60
 ttcattgacaa ggccccctta attaacccac atccccactct catcttttctt tgcccataat 120
 tctctaataa tgcttcatgc aaatctacca tttttctaat ctaagtatct tgttttattga 180
 ttgaccatta gaaacaacag gacgacagtt agtcaaccag taattgcact tctactacct 240
 gcgcgcgcatc ttgtatcata cctccatcat ggcaactgat cgcgtaaaag cctccgtcct 300
 agtcgggtgag aaggacactgc gattggaaga ccgtgaactc cccaaagcctt ccaacaaaga 360
 agttaaagtg gcgtacaat ctactggctt ttgcggctca gatcttcaact actacaacca 420
 ctttcgcaat ggcatatta tegtgcgaga gctctcacc ctcggtcatg agtctgcagg 480
 aacagtcgta gctgttggtt cagaagtcac acacctcaag cccggtgacc atgttgccct 540
 tgaagttggt cttccttgcg aaacctgcga actctgtggc gaaggg 586

<210> 717
 <211> 559
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 717
 ccaaacccat ccgacgcgga atcattccca attgcggcac caccagggaa cgaaatcatg 60
 tcgcacatcg actacgcctt ttacnaaagc ccggtgggct atgccatctt caagggtgggtg 120
 catcagcagg atgcgggttg cttgaagttg aaggataccc aggctgctac taacgatctc 180
 gccaaagtttg gcaagatggt tcaactgacc aacttcagcc ctttcagggg tcacgtcgag 240
 gctcttgana acatcaacct cgteactgag ggtatcgtct ctgactacct caagtctgtc 300
 ctcgaaactca accttcccca gacgagcggn aagaaaacaa ggtcgtcctc ggtgtttccg 360
 anaanaacct cgtggtgctg atcaangctn aattccccgg cctcgagtgc gaaaccgccg 420
 atcttttgac atngttggcg acgtgattcg cggatatcca ctgccccga taactntcg 480
 gnggactcaa ataccngat gtcaaaaang ccggtctggg tatggtcacc cctactcccg 540
 gccaaaggnaa anttaaggt 559

<210> 718
 <211> 643
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

<400> 718
 attccqaata atgggacgac caaaacccca agttgttttg ggccctgttg actgctctgt 60
 cgcctttgtt gtttgcgata tggccagaga tcatgtctcc gtcactatg tctcggactc 120
 tttcactgat cttaccggat actcttctcg tgaagctgta ggccgaaact gccgttctct 180
 acaagcacca cctggacaag agcgtcgctc cgataggaag ggccagaca aggtcgctc 240
 gcatcgcatg cgtcaggccc tcatggctgg aatggagatt cagacttctg tcaccaasta 300
 caaaaaatac qgacagccat tcaacaatct cctgaccatc attccagtcc ctgacgacaa 360

cagtggcacc	tgtcactgca	ttggetttct	atgcgagatg	gattaaatac	agctattcat	420
aatagctgcg	atattcgacg	acacgacgat	atgacacaat	atgacncttg	aagctacncc	480
tacgtttttt	ggctntacac	gatgcttgga	aggngggcct	cgccaacaac	atantttcaa	540
attgcagtc	gaggccaact	natttactan	ttttcggtt	caancngcct	tggttnat	600
ttatccggat	acngttaagg	gttccaattt	ttacaaaccc	ttt		643

<210> 719
 <211> 416
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 719						
gcaacaagcc	acccggagag	cttccccgtg	aatgccttgg	ttcctatcaa	gggtacacca	50
cttgggtgaca	gacccgtggg	ggagttttacg	agcatgctac	gcaccatcgc	gacggcgcg	120
atcatcatgc	cctctaccat	catccgnatc	gcagcggtgc	gcaagaccat	gtcagaggag	180
aagcaagcgc	tgtgctttca	tggcaggtgc	caacgccatn	tttacgggag	aaaagatgct	240
cacgaccgat	tgtaatggct	gggatgagga	ttcacccatg	tttgggtcga	tgggggttgg	300
agcctttgaa	ggccttttga	aaaagtccnt	ttaagccttg	caccganac	gaggggttct	360
tnanaataat	gatttcatnn	aaaaaattat	aaaatcggaa	aatccgntng	tcgttt	416

<210> 720
 <211> 644
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(644)
 <223> n = A,T,C or G

<400> 720						
aaagccgaag	acggcatccc	catcactacc	tctacaacca	atttcttcca	agaaagaact	50
ctcgctcagt	cgtcgcaatg	actgctatcg	agagttttga	taacatctac	ttggatctct	120
ccaaggagag	cggaaagtgc	agattttgccc	agaccgggtt	cggatggaag	cctgttggcg	180
gcgcgcatac	cttcaccctc	gatcacaaca	acatcgccctc	tgcgcaatgg	agtcgcgccg	240
ccaaggggta	cgagatcaag	attgtccagc	gttcaaaaatc	aggcatcatc	cagctcgatg	300
gattccagca	ggaagactac	gatcgacttg	ccaaggtgtt	caagaactgg	tatagcactg	360
ccctagagag	gaaggagcat	gctctgcgcg	gatggaattg	ggggaaggct	gaattctcca	420
aatccgagct	taccttttagc	gtccaaaacc	gacctgcttt	cgagctaaca	tattcggaaa	480
tcggcaacac	baaacctggc	tgggtccaaa	tgangtttgc	agtcganatg	gctcctgcc	540
aaatcgggtg	ctaatgccc	acntgggtggc	gcccggtcca	anggtccaa	aactgccgcc	600
gggcccggga	tnanccttgt	ccaagatgcg	aantcctaca	atcc		644

<210> 721
 <211> 632
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 721						
cggtgaaggca	cgtaagcctt	ngccgcgcga	cgcttggaag	ctgtttatct	tcaagggcca	60

agacattgtc	gacacgatag	agctgagcgc	gaggagttgc	tggctcgtcg	gacgggaaat	120
gtcggttgtc	gatttgcccg	cagagcacc	aagtatcagc	aagcagcacg	ccgtgatcca	180
gttccgctat	gttgagaaga	ggaatgagtt	tggcgataag	atcggcaagg	tcaagccgta	240
tcttatcgat	cttgagagtg	ccaatggaac	caagttgaat	gatggcaaga	ttgccgacag	300
tagatatctg	gagttgaggg	acaaggatat	gattcaattc	gggcacagca	ctcnagaata	360
tgtcgtcatg	cttgaccac	gggattgggc	atcaatccaa	aaataaccaa	aacgattggc	420
gggccaacct	accaggccta	cgcaagcaga	accttatnat	gggactgacc	acctgaagaa	480
gaatcgatgc	ccaaaagagc	ctttttggaa	tccgatattgg	cttttttnatt	acagacgccc	540
agagtgnctg	attatgtgac	ttaacttaag	antttggata	anggactcac	aanggaattt	600
cggcngantc	gtaaaaaanc	agaacaataa	ag			632

<210> 722

<211> 638

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(638)

<223> n = A,T,C or G

<400> 722

attctttctt	tctctacaca	aaccaatcac	actaccgcaa	aaatggttca	gcaaattcccc	60
aaggccaacc	acattctcga	cctccttagc	ctcaagggca	aggttgtcgt	cgtcaccggc	120
gcttccggtc	cccaggcat	gggtatcgag	gccgcccag	gtgctgctga	gatgggtgcc	180
gacgtcgcca	tcacctacgc	ttcccgcgaag	gagggcgccg	acaagaacgt	cgaggagctc	240
gtcaaggagt	acggtgtcaa	ggccaaggcc	tacaagctca	acgctgccga	ctacaacgat	300
gttgagcgtat	ttgttggtga	ggttgtcaaag	gaatttggca	agattgacgg	tttcgtcgcc	360
aacgctgggtg	ctacgcgcga	tgttggtgtc	attgaaggct	ccgctgccga	ctgggaccac	420
gttateccaga	tccaccccaa	cggtacccgt	actgcgccaa	ggcgtcggt	gctntnttcc	480
gaaagcangg	ccacggntct	ttcgttatca	cgcgttccat	gttcgggcac	atcgccaaat	540
tnccnaaga	ncagacctnt	tacaacgtgg	ccaaggcccg	ctgnatccac	atggttcgnt	600
ttnttcgcga	acnagtgggc	gccacttttg	cccggggt			638

<210> 723

<211> 711

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(711)

<223> n = A,T,C or G

<400> 723

tcggaaaaac	tgcacacctc	caacatcgac	ccttccgacg	agcagcaaat	accgccacga	60
tggttgattcc	caaggccgac	cgcaagaaga	tcacagagta	cctcttccgt	gaggggtgtcc	120
tgttcgccca	gaaggacttc	aaccttccca	agcatcccga	tatcgacacc	aagaacctgt	180
tcgttatcaa	ggctctggag	tcgtccaact	ctcgcggcta	tgtcaagact	cagttctctt	240
ggcaatacta	ctactacacc	ctgaaccccg	agggtctcga	ctacctccgc	gagtggttcc	300
acctcccccgc	tgagatcggt	cccgctaccc	acatcaagga	acaacgatcg	cacgctccctc	360
cccggtggcat	gctgggtgag	ggcgagcgcg	agcgacgacc	tttcggccgt	ggcgttggtg	420
gtgacggang	tgacgttgag	gggtggatacc	gacnaangga	tgctggcgag	ggcaaggagg	480
ggggtgtctcc	cggggaagtt	cgctccctcan	ttccgtgggtg	galltgcccg	tgcccggtggt	540
gctgctccccc	ttcttaaaag	aaaacatctt	atcatctagg	gggtccataaa	tgaaaacat	600
ggcgaaagggt	atcggnattn	ctcataaaaa	tgyagggcaa	tttctaccat	gggtttcgt	660
catgtgacaa	gggttgcggtg	ggggatccnt	ggaatttttaa	gggttttaaaa	c	711

<210> 724

<211> 983

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(983)
 <223> n = A,T,C or G

<400> 724
 cgggtagttc cggggcggtt ttgtatctgt agctatttaa acggcgccat tgcccatctc 60
 ctgtctctac atactccaaa ccattcccagc aagtttgata tcttgctctc atcatgtcag 120
 ccaaaactcca caccgtgcct ttctctcatca atggcgagcaa ccacatcagc gaaaacaccg 180
 ctgatgtcgt tccccctcca agcggngagg ttactcaccg ttacagcagc gccaatgtca 240
 aggatgccaa cgctgcagta gatgctgccg ctgaggcttt caagtcgtgg cgcaagacga 300
 ggccctcgga gcgtcgtgat cgacgctcct caaggctgct gcaatcatgg aaaagcggca 360
 agntgagcta cggcgagtaag ccattgacaga gtgcggcagt gatgctgcct gggccagctt 420
 tgaatccaac actggcatta gccatatcaa ggagattgct ggctcgtgta agaacacttg 480
 aggggttcaat cccactggt ttggatccca acaacaaccg ctctcgtctt gagagaacca 540
 tatggtgtcg ttgtaaccat tgccccctgg aatgcgcctt atatcctggg aacaagatcc 600
 cggctctctc ctatcgtctg ttggaaacac cgggtgtttc aangntagcg agagntgcct 660
 tcgaacattg tgggcaattg gcgatatttt agaagaagca aggggttccc atggcgctct 720
 tnacgggtat ttcatgagc gagcaacgcc ggatntggca cgacagntnt tattgagcac 780
 ccttcaagtc aagaaaaata actttactgg naggacttca agttggncng gttatcgga 840
 agaatggtgg ggagaacctg gagcctggta ttctaaact tggnggnaag gttctggga 900
 attgttnggg aggaagccga ctttaacntt gccgggttta aaggggacgc ttngngcct 960
 ttaattaaat nttgggcaaa gtt 983

<210> 725
 <211> 595
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 725
 gctccatggt ggacacccgg tacagcttct gggtatcatg ctttgactta tggatcatct 60
 cttggagagc tegtctgtcg agtttctggc aaatcgctgc gtgagtttgt cggcaccgag 120
 atctcaggtc ctttggacgc cgacttccag atcggcgctc cgaaggagac gttggaccgg 180
 gttaccccca tctgaacctc ggacgcttcg ggtatctcaa tccgatttga ggttgggtct 240
 gtacaagcaa gaacattgct caacccgcgc gtagatccca actgcgcaaa cagtgaaagg 300
 tggaggaacg cagaaatagg ctctgccaac ggtaacggca actcacgac gctcgcacgt 360
 atctgtctcg ttgttacttt gggaggtgaa actggaggca agcgcactct gaangaagaa 420
 acgggtcaatt tgatctttga agaacagcaa tccgggactg acttggtttt gcaaatgcct 480
 ttcanaattg gaattgggtt cggattgacc catgtgtcgc actagactgg ctcccaaaaa 540
 gcaaggttnc ttttgggggt ggctggggaa gttcttttat tgtcatggat cttga 595

<210> 726
 <211> 578
 <212> DNA
 <213> Fusarium venenatum

<400> 726
 ccttttctct ctttgcgacc aattcaatcc agcgaaaact tagtcgctgt ctcccacgca 60
 cgatcagact cgaagttctg gttggcactt gcgacatctt cactgagaaa cgacctacct 120
 cgatcaacag ccgcgaatcg atacactcta ttcaaaatga atgcgccaga gctgagcag 180
 acccccttcg aggtctgcag tgtccacacc tcaaggatcc agcgaaaata ccaagctttg 240
 ctgaccaggt caaccccttt cgttctctat agatgggtcg gcacagttgt ctgctcgtg 300

cttttcttcc	tgcgaatctt	ggttgccgag	ggctgggtaca	tcggttgcta	tgcgctcggc	360
atctaccttc	tgaatctggt	tcttgctttc	ctgcagccca	aattcgatcc	ctccaatgaa	420
gaagccgaca	atgatattga	ggacggctct	gtaggcaccc	tgcctaccaa	gtccgacgaa	480
gagtcaagcc	cttcatccgc	cgacttcccc	agttcaagtt	ctgggtactgg	gccacccgag	540
ccattgtcat	cggctttacc	tgcagttggt	tccaaggt			578

<210> 727
 <211> 653
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(653)
 <223> n = A,T,C or G

<400> 727						
accttcacca	cagaactcga	agtttccagtc	tccgccccaac	ttgcgggttaa	attgattgat	60
ttctcttggt	ctcgctcgact	ctaaacaaac	cacattcaaaa	atgaagcacc	tgcgagctta	120
ccttctgctc	agccttggag	gcaacacctc	ccccctctgcc	gctgatataca	aggccgtcct	180
tgagtcggtt	ggcattgagg	ctgactctgg	tgccttggat	actctgattt	ccgagcttga	240
gggcaaggac	attcagcagc	tcategctga	gggttccgag	aagcttgctt	ccgttccttc	300
tggtggtgcc	ggtgctgccg	ctgggtggtgc	cgccgcgcgt	ggtggtgccg	ccgaggaggc	360
caaggaggag	gagaagggaag	aggagaagga	ggagtccgac	gaggatatgg	gcttcggtct	420
cttcgactaa	gcgatctcta	cccagagatt	tgcaaagtaa	cgataacctca	cgaatttcga	480
agatgccacg	cacgggttgt	tcaccagttc	ttacatgtct	tttgctgga	tggattggcc	540
gctcatggct	ggattgggtc	tctctaagga	tgggataaca	tacnggtatg	gaaattaaaa	600
aaaaggcggt	cggctcttcg	aaaaanattt	tttctcntat	tttnttatat	ttt	653

<210> 728
 <211> 639
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 728						
cgactcgact	tcggtgcagac	tttacaatct	cccaccgcga	cgccaaaatc	cattcacaat	60
gtctcagccc	gagctcgctt	cgctctacgc	ggccctgac	ctcgccgacg	acggctcttga	120
gataccgcgc	gacaagctcc	agacccctcat	caaggccgct	aaggctcgagg	aggttgagcc	180
catctggact	tccatctctg	ccaaggctct	cgaggggcaag	gatgtcaagg	accttctcgt	240
gaacgtcggc	tccgggtggcg	ctgctgcccc	tgcgcgcggt	ggtgcccgcg	ctgctgggtgg	300
tgcgcgtgac	gaggtctgct	ctgaggaggc	caaggaggag	gagaaggagg	agtctgacga	360
ggatatgggc	ttcggtctct	tgcactaaga	agttacgcgc	ctacgactgt	ttccttggtc	420
tttgtacttc	gactgcatgg	cttcgggggt	tccaatcaat	cgatcataaa	ggatggaatg	480
cgggcactat	accctgcgcg	ctggacagaa	gttcgcttnt	ttcatacnac	gctatgatga	540
atgcctttaa	cggagttctg	cggaggggaga	attgggtcaat	tcaagggtct	tgataaaaaa	600
aaagtcgcgc	catgggtggt	ttgagttccn	aaaaaaaaa			639

<210> 729
 <211> 632
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(632)

<223> n = A,T,C or G

<400> 729

gcccctttcca	aattccctaa	aattagagct	atcgagagag	agctcgagaa	cccagctctc	60
aacaccgagg	accgccaaaa	gaaggacgaa	gagctgcagc	aattggccaa	ccaggccacg	120
tcattcatgc	aactggctaa	tgagacactt	gaaatgatga	agctcttcac	tgacgccatg	180
agcgaggcct	ttactatgcc	tgagattgtg	tctcgtctcg	cgagcatgct	taactacaac	240
ctggaaacac	ttgccggtaa	gaaggccgca	gccgaactca	gtgttagtaa	cagggacaag	300
taccacttcc	gccctattca	gatcatctcg	gatategtgg	acatttacct	caatctcggt	360
acctcgtctg	tcttcacga	cgcgtagct	gcggtatggtc	gttcttacaa	gcctgaagtg	420
ctcgagcgtg	tctcacgcat	cctcacatca	aagaaccaag	aaggaccccg	ctgtaattgc	480
tcgctgggac	aaagctgaaa	gtcaagtttg	aggaggcaaa	gacaattcta	gatnaggccg	540
aactgggacc	ntggtgatat	cccggccgag	ttcgaggatc	catcatggga	gacctcatga	600
agggttctgt	cctgctgcca	acaagcacat	tg			632

<210> 730

<211> 617

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(617)

<223> n = A,T,C or G

<400> 730

ggaaaggacg	gcgaacaat	cctctttgtt	ggtgacggat	ctttccaatt	gactgcccag	60
gagctgagca	ccatgatccg	acatggcctc	aagcccacga	ttttcgttat	ctgcaacgat	120
ggtttcaacta	ttgagcgatt	cattcacggc	atggatgctg	tctacaacga	cattaacaac	180
tggaagtaca	aggacctcgt	cagcgttttc	ggtggtgaga	agacttgcaa	gacgttccag	240
atcaagacca	agaacgagct	caacgagcta	cttaccaaca	aggagttcaa	cgctgctgag	300
tgtttacaat	ttgtcgagct	ctatatgccc	aggggaagacg	ctcctcgccg	tctggttttg	360
accgccgagg	ccagcgccag	gaacaacgcc	aagaagcact	aaatgcttac	aacaattgat	420
agacgatata	ttgggaagtg	tggtctcagt	caacagatat	tcaggatgtg	tctggtgca	480
tttggcacac	tggttggggg	ttcctgtttg	gctaattata	acggttttaa	tggtttacac	540
tatagaatgg	gcacgattct	ttatgtttta	tgtattttca	attgaaaagc	gattttctcat	600
aatataattc	nattctt					617

<210> 731

<211> 495

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(495)

<223> n = A,T,C or G

<400> 731

ctctcgatgg	ccgacttctc	tcagttacac	aggcagtcac	caagcaagag	gcacccagcc	60
ttgcgcagaa	ctctctttgc	aagcgcaatg	aaaaggacaa	gggtaagctt	ttcctgctgg	120
gcgagggtgt	tatcgacaag	aactcgcttc	tggtcaacct	ctctcagag	cctgagcctc	180
gtatcgagaa	gggtagtgt	gtcacaacgt	ggaagcttgt	acaaggcaac	cccagttctc	240
acttgagttt	aactcgactg	gccctgcgta	acattccccg	caacatggat	tcgaaggatc	300
ttaaaggagt	tgcgcgaaa	gctgttgtg	gatttgcag	ggatgtcaag	gttggactcc	360
gacaacccct	ttcaaggag	gagaacgccc	gagacggaaa	ggatccaagg	agaaagaaca	420
tgaacgcagg	ccaagggtaa	gggtattatt	cgccangcca	agattgtgtt	cgagagtgga	480
gaaggacaga	agatc					495

<210> 732

<211> 620
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 732
 cagcgggtgcc gtcaactggg gtgccaagat gogaaccgac cgtgttcttg agcaatacga 60
 tgaggtcacg gatttcacat tcaatganaa gaatggaatc gactgcagct tcacacttga 120
 gtttgactcg gccattccca aaatccttat gctcaacctt gtccaagatg ctgtcaagaa 180
 gaccgtgacg caagagatct ctggtgtcag atcctgcgac ttccatgagg agaaaaagga 240
 caataagacg atcagagtca tccacacaga aggtgtcaac ttgcaggcta tgcagcgata 300
 cagcgatttt atcgaccccc atcgatatca gacccaacgac atcgagctg tcttgagggt 360
 ttagcgggtgc gagggaactc gacanaacat tgtgcaagag ctggctggcg tcttcggctt 420
 tacggnatta agnccgacaa ccgccacttg aacctgatcg gtgaccacat gacaangaac 480
 ggnggtttca caccattcaa cccgaatggg tctnaagggc aacgtcangt ccgtttacca 540
 anatgaattt cnanaccaca ttgggattcc tcaaggatgc tgtgttggat ngngnactgg 600
 gatattctct taccctctacg 620

<210> 733
 <211> 521
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(521)
 <223> n = A,T,C or G

<400> 733
 aattgaccca aaaacacccc ttgaggagtc aattgggtgcg ctcgatgaga ttcgcaagca 60
 gaataaaaacc aagtacatcg gcttgtcaga gtgctctgct gcaactcttc gaaaggccaa 120
 ctctattgcc aagatcgatg cctccagggc cgagtaactct gcgtttgaaa cactgcacga 180
 aaccgatggc ctcatcgaca ctgctagaga attggggcgtt gcatatgttg cctatagccc 240
 cctcggtcat ggttggttag ttgatgatt cctttaccag agtcttgaag atttctctgc 300
 taatgacttt cgtcgcggtt cgccaaaatt ccaagggtgac aacttctatc ataacaaaaga 360
 agatcggttg ggagatcaag aagcttgtgn ccgaaaangt gtcacatggc ccaaagtcac 420
 ttcattgggtg gcgggttaagg attatgcttt cnaggacacg aancttganc cctgaacaaa 480
 atttgcttta acatgttgag tgaccacaaa aaaaaaggat t 501

<210> 734
 <211> 974
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(974)
 <223> n = A,T,C or G

<400> 734
 cggcaatcca cagtcgaacta cacaacaact tctcgctttt aacgcacacg cagcgacaag 60
 atgggaacct acgaggacac ctctctcggc gogagaatct accctggcaa gggtaaagctc 120
 tacgtccgtg gogacagcaa gatctttcgg attccagaac gggcaagtcg gagtctctct 180
 tcttccaaag gaagaacccc cgccgtatcg catggacgtt cctctaccgc cgacagcacc 240
 gaagggttat ctctgaggan gggttgccaag aagcgaacct cgccgcactg tcaaggctaa 300
 gcgtgggtat gtttgtgctt ctcttcgaag tcatcaagg agaagcgcaa cttctcgacc 360

cganggcccg	ttccgctgcc	cgcgcccaag	gccatcaaag	gagagcaaag	gagaanaanc	420
aggccgangg	ctgctacca	gaagtcogag	aaggctaagc	tcgctgcccc	ggcctncaag	480
ggccaagctg	tncgaacagg	tcaacaagca	gggtgccaag	ggctttngnt	tcccaaggctc	540
caggccaaga	cccgttaa	taaggaatgg	aacttgagcg	aagatgaaaa	tgggagaatg	600
gaagtcogtg	ggttcttctg	tctttgtccg	gocggttctt	ctacaatctc	gggtgcatgg	660
aatgncaata	gggtgcattg	atagttgaaa	tgcaaaaatgg	tcaaacaaaac	aaacagacaa	720
cgcactctgat	tcttgctctg	acgaacaagg	gatgtgcaga	tatgcggtgg	ctggataaat	780
acctcacggg	cgttattcag	gaaactagca	acttancttg	ttagataacg	acacaatgcc	840
ttacgatgca	agaccagacg	tcacgggaat	cgttcaatt	agattgtgtt	caatgggtatt	900
catgtanttt	gtctctatct	tatngntgtc	tcatacgtct	gtgaaaaaaaa	aanaaaaaaaa	960
aanaaaaatt	cctg					974

<210> 735

<211> 632

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 735

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catcaaggca	tacaacgaag	ctgaccgacc	tatagttctt	gatcccggtg	gtgccggtgc	120
cactgtcggt	cgtcgcaacg	ccgtcaaaac	tcttcttgaa	gctggccatt	tcactatcat	180
caagggtaat	gagggcgaga	tccaaactat	cgccggtgcg	accatcacc	aacgtggagt	240
tgactccaca	tcateccctta	gttttgcccc	gaaagcttct	ctcgtgcgct	ccgtcgccct	300
acaccgacga	aacgtcggtta	tcttcacggg	cgtatcgac	cttataaagc	atggaaccgg	360
cactctggca	attagcaacg	ggcattctta	tctttgggtga	aagtcacagg	tactgggtgc	420
actctgggca	ccacaagtea	gcgctatggt	tgctgcatat	ggcgccgac	ctttntttgc	480
cgccgtggca	ggaaccgnca	tgtttgga	tgggttgccg	aacttgcttt	tcaagaaacc	540
tgaggggtcgt	nggcggggg	acttctgtac	cgggctttct	tcgatgagtt	gtaccgcctt	600
ttagggaagt	naacttggcc	aacaagtgc	tt			632

<210> 736

<211> 533

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(533)

<223> n = A,T,C or G

<400> 736

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actcgccggg	catcaaacag	ctcctcgacg	ctgagcaaga	tgcttccaag	attgtccaga	120
aggcccgaga	gtaccgcacc	aagcgcgta	gggaagctcg	tgatgaagcc	aagcaagaga	180
tagccgaacta	caagggttcag	aaggaggagg	aatacaagaa	gttcgagggc	gagcacagca	240
agggcaacga	gcaggccgag	gcgaagcca	acaaggacgc	tgagactcaa	atcaagggca	300
ttcaggaggc	tggtaaagaag	ggtcaagctg	gggttatcaa	gaaccttctc	agcgtgtttt	360
tcgatgtcaa	ccccgttctt	cccaccaaca	ccaagtcttg	agcggtttcc	cggcggagtc	420
acgggtgttta	taatcaogaa	cggttgttag	ctcctgcact	ttggaagaca	attagattag	480
gtaggaggag	gatttgttat	aagaaagcc	agaccatgag	ttcttcaaaa	aaa	533

<210> 737

<211> 688

<212> DNA

<213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(688)
 <223> n = A,T,C or G

<400> 737
 gtccctgtcgt tcattctccac tattcaaaaag ttacggaatc tatcttatca tccaagccca 60
 aacccgataa gacgaaagac acaccaccaaa aaacaaatcc ctccactctc cgggtccggcc 120
 ttccgtcggga gctcgccatc ttcccttccg ttagctaate tcgacttgac ttgtttctct 180
 gtcaactcgc gacaactctc cactcaacct cgtcttcttg ttcatctctc ctgtctttgc 240
 tctctttcat ccggtcgcca gtacaatcgt cgcaatgtct gctgatcagc cctccccctt 300
 catgtaccag ttccgcgcag gcgccattgc tgggtgtctc gagattcttg gtgatgtacc 360
 ctcttttgacg ttgtcaagac ccgagtccaa ctgcagactg gttccggcgc caccgctgag 420
 tacaatggca tgcttgattg ctttccgcaa gatcatcaag caggaagggt ttctcccgac 480
 tctacggggg tatctccgac cccatcttta tggaggctcc taagcgagct acaaggttcg 540
 cngcaacgat gaattggggc aggtctacgc aaagatgttt ggcattggaa aanatgaacc 600
 agcctntttc agtctcacc ggtgccactg ntggtgccac cgagtctttc gcgtcgntcc 660
 ctttgagctc ggnaagattc gtctgcaa 688

<210> 738
 <211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 738
 ctgaagaagc ccgagatctg gaagctcgtt gagaacgccc aggtctacta cgttggtggt 60
 ttccacttca ctgtctgcc tcttgccatt atggagctcg ccaagcaggc tgctaagaac 120
 aacaagccat tcgtctctc gctctctgct ccttccatc cccaattctt caaggaggtc 180
 gtgatgccca ggcgcctcta ctgggattac atctnttgta acgagactga ngctgccgcc 240
 tacgccgagt cccacgaact ccccgcaag gancctaagg atgttgccaa gcaccttgcc 300
 aaccttccca aggagaacag ccaganaaag cgaattgcc aatcaccag ggcaccgacc 360
 tacctggctg ctatccangg tgaggatgag atcaaggaat ccccgctccac ccattganac 420
 tgagaagatc aatgacacaa cgggtgccgtg atgcctttgc tggtngtctc ctggcagggt 480
 tctccaagac aanctctcga nacancattg acttgacaa tgctcctctt tgacatccag 540
 aatcgaactt ctacttccca ncaactacan gcgctaattg tacacctct 589

<210> 739
 <211> 694
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(694)
 <223> n = A,T,C or G

<400> 739
 gcaggaaata gtagacggat atcaagttga ggtgcctgat tactgggctt gacttcaacc 60
 actqqaqatt tctctgacac gaagttggtg tcgatatcca attcttgggt catgttagaa 120
 agacacggg ttccaaagggt aagaacggtg ccatttggga aggtggcgaa atcgtccaag 180
 ccgtgcctca cgaagtcctt atcccaagct atgacacaa caacacaaac aanctgagac 240
 ttccgttcaa ttaaagcttc tgggtgggaga antttgactt ccaaaaaatt caacaatggc 300
 gattacgaaa agtccggtt ccgtttaaaca ancgggctga gaccatcagc gccgtactgt 360
 atcccaatga taacctaaat tcgccggaaa ggagccttgc tcttgaagca acaagtactt 420

ccgggggttg	gggcctccct	tatacgataa	ccgtccggcc	gctttaaaga	aatccaaacc	480
gcccttgag	ggnaatttcc	cgaccaaagg	ttgggccaat	tcaactcaaa	tgacaaccaa	540
cccaangctn	ggccaattgt	ccaanttgc	accgaatcct	canccgacaa	ttgagcaatc	600
ctcnaatngg	gaatttgggc	ctgggganaa	tcgctentcaa	agaactttta	anctacaacc	660
aaccaaact	ggttttgccc	tgnaaactcc	tggg			694

<210> 740
 <211> 619
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

cgattatcga	tgactgaagt	tggcagcacc	aatccccctt	gagccctgga	tctttttttt	60
ttcacctcat	aattataaac	atggaggaag	agcgtctctg	gaagttccga	aggcccgaat	120
ggcttaacag	cgtctgggct	cgcaacgctg	gtgtctatgg	cgcgaggagct	atcttctccg	180
tcgttttcta	cattatgctc	gactccgcgc	tctgggtccaa	atctccacgc	aacggctctg	240
atateccagc	caagtttgtt	gactggctgc	ccttcattct	ctccagctng	ggcatgctca	300
tcataaatcc	ggtcganaaa	caacgtttta	gcgcgcgattc	tttcagttat	agtggaaatg	360
gggtggcatg	gaaggctcgc	gtcgtcttgt	tccttggctt	tgcancccta	ctgggtggaat	420
ggctggcggt	gttacgctct	ttgtttctcaa	gtttattgtc	ccaagtgtct	caatgcctgc	480
gttgggtatg	ggtattgaaa	acttaactcaa	caaccctttg	gtgggcgtga	gttctgtcct	540
tctttggatc	agcccacaaa	catggaanaa	aaaataactcc	tacaaccttt	cctgtgaaac	600
accataaate	gccccaatc					619

<210> 741
 <211> 575
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

cagcgggcct	gtttctggcct	cgcttgatct	ggcaggcaag	cttatgcectg	ccttgatcga	60
ccgatacaac	cgtgtatcgg	atcagtcacg	ggagctgttc	cctctgctag	agtgcctctc	120
ctatgtggct	atggcaactg	gtgatgcgtt	cgtcccttac	gctgagccta	tcttctctgc	180
atgcgtcaac	atcatccaca	cgaaccttga	gcagacattg	gctgctgcca	acaacccggt	240
actcgaccag	cccgataagg	acttctctgt	tacaagtctg	gatctgctca	gtgcaatcat	300
ccaggtctct	aatgatgaca	agtcgcgcgc	tttgggtcaag	aactctcagc	aatccttctt	360
tgagcttctc	agcttgtgta	tggaagacct	actgatgaag	tccgacagtc	tgccatagcg	420
ttgttgggag	actgcgcag	atatgtctat	cctttattac	agcaataacct	cccccaaacc	480
cttaccatct	tgtctaaagca	gctgggacat	ggatagtgtt	cttgatgaan	atatggatag	540
gggttccggc	gtttctcaaaa	cgtttgctgg	tctgt			575

<210> 742
 <211> 650
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(650)
 <223> n = A,T,C or G

```

<400> 742
gcatggtgtc aacaaagtc gtctccagtc ccagagcang ggaggcgccg ttatcgatac 60
caagtccttc tcacttcacg acgatgcgc ccatacctc gacccctcat actgtggtgg 120
ctgctacggt gctcaatccc ccgccaatgg tcaaaaggca ggctgttggt agacttggtga 180
cnaagtcogn gaagcttatg ctccaggctc gttgggcttt ggtcgcggcg aggggtgttga 240
gcagtgtgag cgcncact atggcgagaa gttggatgcg caacgtgagg agggctgccg 300
nattgagggg ggtctacgcg tgaacaaggt cattggtaac ttccatttcg ctcccggaacn 360
aagtttcagc agcggtaaca tgcacgttca cgatcttaan aactactggg atgtgcccaa 420
gggtttctcg cagcacttca ctccacatgt ccactccctc cgtnttggtc ctcaactccc 480
cgaccacatt gctcgcaagg tcggcacaan aacacgctnt gaccaaccac caccaaaatt 540
cttttcgacg acactaccca agaaaaccca cgacccact acaantttat gtcttttgga 600
aaaatgggcc cactttatat ctctctnntg ggggggataa caagggcatt 650

```

<210> 743

<211> 525

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(525)

<223> n = A,T,C or G

```

<400> 743
agcacaagtt ccctcaaatt aagcctcctc ccttcaacaa agtcttccga aaggcggacg 60
ccaacgccat tgacctcatt gctcgctgc tcgagtacac cccaccgag cgacaatctg 120
caattgatgc tatggttcac ccttctctcg acgagcttcg tgaccccaac accaagcttc 180
ccgactcgcg acacggaact ggccagctcc gtgagctccc cgctctcttt gacttcactc 240
gtcacgaact ctcaatcgct cctagcctga accagaagct tgtccagca catattcgcc 300
ccgttctcgc atcgcaagge cttgatatcg accacttcac acccttgacg gagcaggaga 360
tgatggcgaa actggattga gcgggctcgc cgtcgaggca aagggtagtt ggcatacgct 420
tttacccttc tccggctctc cgtggctctn ggaagagacc tgctctgctc actcccagac 480
cganctgaca aaagtggctg ggagcaaggg ccaacaaaac tgaca 525

```

<210> 744

<211> 621

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(621)

<223> n = A,T,C or G

```

<400> 744
ctcgggcaag gttgacatcg gcgccttcag aacctaccca gccgactata agcccagcag 60
cgtgtcacc tcagatggca cccaagcagt acccctcgcc aaggccgccc aattcgggtgc 120
tcacgcaagc cgatactaca gcttagaagt ctccacttc aagagctctc tcgactccca 180
ctctctagag ctacttggc acaagtaact ggtccagata ctacgncaga acccgctcat 240
ctcgaaccca gactacggca ataagcagtt gcttgatctg agttccaaga tcaaggaggc 300
gacgacaggt attacccgga gcgcagctgg ccaggggcatg atgatgggaa caagncacaa 360
aagttccgac aaggnagtgg acaagctagc caagggaagc aatttgattg cttncaaaga 420
gogactaggt cttattgnaa atcaagtcbaa nggtaggcct tttcaacgal ctanggtcgc 480
gtogaatcct qcqccongaa tgaagcatga tggactcact ttatggnaat gcattgtugca 540
caaaaaaato ggnataaatg gnggtaagan ggaataagc aatcttttcc tttcttttag 600
actaaatatt ncgaaaaaaa a 621

```

<210> 745

<211> 1021

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1021)
<223> n = A,T,C or G

<400> 745
taccactcac actatctctt caacaactat ttcataaact caattcccaa tcaacatcat 60
gtctgacagc tacggaggca acgacagcta cggetccagc cgtcgcgaca atgataacga 120
caactcctac ggctccagcc gccgtgacaa tgataacgac aactcctacg gctctggcaa 180
caacgacagc tacggttcca gccgtcgtga cgacgacaac gacaactcct acggctcctc 240
tcgccgtgac aacaacgaga gctcgtacgg atctggcaac actggtattg gtggcaacgc 300
cagctatggc tcatccgaca gagacaacaa cgacagctac ggctccagca acaaggactc 360
ctacqactcc agcaacaagg actcctacgg ctccagtaac aaggactcct acggctccag 420
ccgcaacgac aacgacaact cctatggctc tggcaacggc gctggcgctg gctcggagg 480
tggaaacacc acctatggct ctcgtgacaa cgacaatgac aacagctttg gctctagccg 540
tcgggacaat gacaacgaca actcttacgg ntctagcaac cgtgacaaca acgactccta 600
tggttccagc aacacatacg gntcttccgg taacaatgac tctacggct ccagccgcaa 660
ggacaacgac tcgtttggaa ctggcaacac atatggctct tccagtggta acacatacga 720
ctccgaacgt gttaaaaacg acgacggttc ttaocggacag agtaaccctg cctacgggtga 780
cgatgacaac aacaagaagt ctggtggctt catggacaag atcaaggaca aggttgagga 840
gaaggtcaag ggacacaaga accgtgacga taacgactac taattgtaat atgggggggc 900
gggctctagt gtattagttg acaatagttg agtgagatga gatattcctt gctcttgaat 960
tgaagtttct tttgtttcga aaaaaaaaaa naaaaaaaaa nttttcctgc ggccgtcgag 1020
c 1021

<210> 745
<211> 939
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(939)
<223> n = A,T,C or G

<400> 745
ttcaccatct cagcagggac attgaatatt ccggttcggc ttcccatccc ctctcatctc 60
gtacagtctt tccacattga ttcttttctt gatacctttt ccagttacat cacatcaaac 120
ccatcttctt taactgatac tggcttgccg cgttaccacg tctgactgac ttaacttctg 180
ttctcattat acaacatcaa acatacaaac aaagccactc tntttgccc tgcattcgcc 240
cccagacgcc atcccgtagc atcattnggg ggaaacatcc aactacgact ctntttttag 300
tcccatttca aaaagaaata ctatcatcca ccaacaacgc tcgaaccctg agcgtccggt 360
ggcctcagcc tcaaaccogt cgatcatccc ctcccatccg ttcgactgac gcttattttt 420
catcttcacc ccgtcaatac cgcacaagctg tcttccccaa ttctacttca gcgcaccgto 480
ttctacgaag cggngaacaa acctccgcgc cggggtagca tctatctcaa catgcccgag 540
cgaaacacaa gagaaggagc tgctggagct cgaaggagga gatctagcag tatcctccaa 600
gtctacatg agcctcttga gactctcgag caaatcagtg atcaggctgn cctgctaata 660
tcaagcccaa ctggacaaaac gccaaaaggng cctgganaat ccacattgtc ttgattctcg 720
ctggcaaaaat tatcttcgac gccgatccct ggtgtcttac aggagacttc atggaccctt 780
acaaacatgt cctacatgtt tggcttctac attatgttnc atcatgtccg nggnggtcct 840
tttgatttca acagtggcgc tttcnacaa cttcaacatg tgggagcaga ttgataacgg 900
ggcccaatac acacaaacaa agaaatttct ntttnagtgt 939

<210> 747
<211> 624
<212> DNA
<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 747
 gtcgagtggt ggaccggtga tgacaagtct cccatcgctac gattgaagaa cgagcaggat 60
 gaggattcaa tgcatactat ctggaacgtc tatggccgaa tcaatggcat ggagcaaacg 120
 tccaagtcta ttatcatcgg taatcagcgt gactcttggg cttttggtgc gacagacccg 180
 cattcaggca ctgccgtcat gatcgagatg gccagaatct tcggggacct tgtgcagcga 240
 ggctggagac ccttgaggac tatcgagttc atgtcctggg acgcttccgc atacaaccta 300
 atcggttcaa cagagtatgt tgagcataac tctgacgcgt tgcgcgacaa cgcctttgcc 360
 tatatcaatc ttgatgcagc cgttgtgggc aacgaattgc atgcctctgg ctgcgccgtg 420
 tttagaaaat ctcttctgca cgttatggcc gactcatcga aattctacct tcccagtagt 480
 tnnaggactc tgggaccaga gtcatgcccga gctnaaacag ctgaagaagg gtaccatatt 540
 ccgtccaaga tategctgga ctanttcctt gacctgcgtt caggggaagcc aagtccctatc 600
 atcaactcca cagatgattg ggggt 624

<210> 748
 <211> 430
 <212> DNA
 <213> *Fusarium venenatum*

<400> 748
 aacgccaggt ctctccaccg tcaacacacc cagagaccat caagacaatc ggcaaaaatg 60
 gccgacaacg actctcccggt caacctccga actcgcaagt tcatccgcaa cctctgctg 120
 ggccgtaagc agatggctgt tgacatcctc caccaccaacc gtgccaacat cttcaaggag 180
 gagctccgtg agaagctcgg ttctctctac aaggcccaga aggaccagat ctccgtcttc 240
 ggtctccgaa ccagattcgg tgggtggcaag accactggct tcgctctcgt ttatgactcc 300
 cccgaggcca tgaaagaagt ttggagcctt agttccgatt ggtgcgccgt tggcctcgcc 360
 accaaggccg agcgtgcttc cgacagcagc gcaagcagcg caagaaccga caaaagacct 420
 tccgaggtac 430

<210> 749
 <211> 525
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 749
 tgacgggtcat ctcaactctt cccggacgct gccgctcatt ttcttgataa atctgcgato 60
 ttaccgcccc gctcgccatg gctgaacgcg ccaactctgg ccatgagctg taccctatcg 120
 ccgtactcat tgaagageta aagcaagatg atgttttgcg ccgtctcaac gccatccacc 180
 gtctctcaac cattgctctt gctctcggcg ctgaacgaac tcgggaggag cttatccctt 240
 tctctgatga gtctgtggaa gatgaagagc aggtccttgt tgccttgagc gaggagctcg 300
 gggtctttgt ccagtatgtt ggccgtctca gtggggcacc tcttctgtgc tcccttgaga 360
 cctcgctgct atcgangagc ccgtcgctccg tgacaaggcc gcgagtnctt gaacaagatt 420
 tgcctccact ttcctccaca agtgaggagt ttttatctcc tcaaatccgc ctgcgcaagg 480
 cgatgggtta aatnnagggt ttggatnggc ttttaaaact cctnt 525

<210> 750
 <211> 547
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<400> 750
 naaagtacgc tttcncaaaa tctctccncc aggtgcgatt cctcttttgn cagacttcgg 60
 agcaaagcgc ggccctccga tcattentta ctngatcgta tcttaccatg aagcgcaaca 120
 accccaacat tcttatectc attcgngaag ccgncggcac tcaaccaag gtcttcgccc 180
 gatacgagcg aggtgtngaa aagtcacaga tcttcgaggg tctttccgac aaggagattg 240
 angacactgg tactagctgg ccaacctgct caatagacga ttattgcttg ttatttgcga 300
 aaganacttg nacttgagag tggnggcctt gaantcnggt tccgcgatga tgaantttac 360
 ataanggtca aaatcagcat gccacaaaag antattgcnt caccataaaa ccaatctntn 420
 gtctcatggg tctatgactt ttgngaccn actgncgtgn tatacagaag gngtttttca 480
 naaaccgcgc tgggtganta ggaganaata cttgccacca acanaactaa nttantttga 540
 cttttagg 547

<210> 751
 <211> 440
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

<400> 751
 tacgtgcaga agaagaacgc agcgccggga tggaaagcgc ctgttacgca tatggctgct 60
 gctagecgag gcgagattgc tgcttggtgt gtgcgtgtgc cgaccgangt tgtaagcag 120
 cgtgctcagg cgggacagca tgggtggtcc tcggtgctg cgctgcgagc tattctgtcg 180
 aggtactcga gccatgggtt cgttcccatg tggcgcgagc tctaccgtgg ttggggaatt 240
 acagtccttc gtgaggtgcc ctccactgtg atccaattcc cgctatggga ggctatgaaa 300
 tcttggggac gtgcgcgtcg tgggtggtcg gaagtcactg gtgctganen cgctctttat 360
 ggaagtatgg ctggtggatt ctctgcggcg cttactacgc cgcttgacgt gctcaagaca 420
 agaatcatgt tgtccaaaga 440

<210> 752
 <211> 577
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 752
 ctatctcggc cttggcacca agactctgct cctgtggtga gagtcggttc agaagggcgc 60
 caacccccaa ctcggcatca tgtcggttga gtttagatcc gttcagatgt cccaagcctc 120
 ggtcatgggt gtttcagatg aatggatcaa aaaggtcacc caggccaaca gatccacca 180
 tcagctcttc atgggttagca agcgaacatt cgagcgctc aaccagccgg tatccctact 240
 tgaaggagat atcattctca ctctaaatgg caagatctgc actaccatct cggatttcga 300
 tttgatgtac tcacatgaat tgctcgatgt cgttatcgtc cgcaaatgcg aagagatgca 360
 ctttcaaatc cctactgttt ctgengacga tatggagacg gatcagcng tttcgttctg 420
 tggcgctatc ctccacagac ccacaaagct gttcgacaac agatcagcaa gctacacagt 480
 gaagtgtttg tgtctagten aattaaaagg tctcctgctt accantatgg agttgcacca 540
 accaacttca tcaactcatgt naacggtaet cccaccc 577

<210> 753

<211> 505
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

<400> 753
 caaggttgcc aacttgga aacttggaaa tctattaccg tgctatcaag ttctacgttg agcagcacc 60
 ttctcttctc accgatctcc tgcgcaactct caactcctcgt attgatgtca accgcgttgt 120
 caagatcttt cagaagaacg acgatcttcc cctgatcaag cctttcttgc tgaacgtgca 180
 atctcagaac aagcgtgttg tgaacgagggc cgcaacgatc ttttgatcga ggaggaggac 240
 tacaagaccc tctgtactct gtcagaacta cgacaactac gatgccacag agctggtagc 300
 cgttggaata catgatctca ttttttccgc caaatgggtg ttccatttcc ggaanaanaa 360
 gcttngggaa agtnaatcnc ctntccaagc aanaanaagct ttanagggcc canttgaacc 420
 cgtgcccttt cccaaggggn aattngagag anccctttta aaaattntgn aatttggggc 480
 ccggaaagtt taccgggggt ttttt 505

<210> 754
 <211> 1140
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1140)
 <223> n = A,T,C or G

<400> 754
 aattccgggg ctctttggna tccgncgcgc aactgtanat gaacccgatc gaaggtgcca 60
 attttttgtg ngnaccaaaag tctctcattc cagtccaagg aggcaatacc cgcttgactg 120
 gggtcgtctt nactgaagta ggcgtgactg tagtcttgtc tggagtagca gtcgtgccac 180
 gagtttcagc ctgcttttca cctaaaagct ctctcaagag gtcctcaaatt tcttcgcaag 240
 agccgtagca gtcggttctt tattegatcc ggggtggtgt cttgttgga aagggactag 300
 cgtttcgtga tgccttccgc tctccttctc taaggagatt ttcgattatt cgcattcatt 360
 ccttacgccc gcggtagcta tcaaacatct tcccacccat gttcatcgat nccttctcnc 420
 gggcattggc gcacanaagg cgcttnacaa ggagatgtcg catcaaaagg cacacaaagc 480
 ccgcgaatcg ctctccattt tcttgctggg ggcattcgtc caagttgata aatcggaggg 540
 gtcggccgag tatgttgga agcttgctg aagcgacatt ggctcagag tagttggcgc 600
 cgtcaagcga gtcgtaatga aaggctaccc catcaagagt cgagacgaga agcagcgacc 660
 aatggctacc ggcctcancg acgctcactat taagattatc gttgatgggt agnaagatat 720
 gogtaacctt gnagaaatcg gnaanaagcg atttgattga tcgagtgtcc ggttccttca 780
 tgagaanaaa tgtcatgctg gggcggagca gaacgatgcg agcttggggg tacttgggaa 840
 gagtttcgag ctccaaatac tcttccaga aagcgatatt gttgtcggtt aaccagtcac 900
 gcttgagagc cttaatatct tccggtgtca acaaaacgtc gtagtaactg agatatggct 960
 tctcaggggc gagcgaatcg ccaaagtggc gcgccatcct ctgacgaaac ggcacctcgt 1020
 ttttgggtatt tgtagaggat gttgatgaag ttgatgaggt agaagaacga ggtgttattt 1080
 ctgagataa ngtnaatct ggcggcgctg tcttgtagtc agagtnngcg gttgagtcct 1140

<210> 755
 <211> 1156
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1156)
 <223> n = A,T,C or G

<400> 755

ctccaggaca	acaagctcac	tgttggttgc	gagaanattg	gtctcaccaa	gggcgacacc	60
atgctcgcga	ttggctgtgg	ttgggggtact	cttgcccgt	tcgctagcga	gcagtatggt	120
gccaacgtca	ctgggtgtcac	tctcggcgt	aaccagaccg	cttggggcaa	cagcagcatg	180
cgcaagggtg	gtatccctga	ggagcagagc	cgaattgtct	gcaaggacta	ccgagatatt	240
cccgttcccc	tgggtggcta	caagaagatc	accagtcttg	agatgtctga	gcacgttggt	300
atccgtcact	tctccagctt	ccttaagcag	gttcacgcga	tgcttgatga	cgatgggtgt	360
ttcttctctc	agtacgctgg	tatccgcaag	gcttggcagt	acgaggattt	gacctggggc	420
ctcttcatga	acaagtacat	cttccctggt	gtgacgctt	ctactcctct	cggctggggt	480
gtcgacaagc	tcgaggggtac	cggtttccgag	atcaagcaca	ttgatactat	tggtgttcac	540
tactctgccca	ctctctggag	atggtaaccg	aactggatgg	acaacaggga	caaggctcgag	600
gccaaagtacg	gcaaacgctg	gttccgcctc	tgggagttct	tccttgccct	ctccaccatt	660
atctcccgcg	agggcagtg	tacttgcttc	caaatacttc	tcgtcaagaa	catcaactct	720
actcacgcta	ttgatgggtg	tgagaccag	ttcaaccttc	acggcgctct	tgacaactgc	780
cgtcctgacc	tccagtcctg	ggcgcgcaag	aaccacgtca	agactccctc	rgancttctg	840
taaagttttg	gttgagtgct	ttaacgcctat	tgggattttc	ctgaaccgtg	cccagaaaaa	900
gtatagcttt	aaaaggatgc	ctcctaata	agaggccaac	attgtgatta	gtcacacaat	960
ngacaaccaa	gggcgaaaat	gataacttga	ttcatctcog	gcattgttta	acccggaatg	1020
ccgccccctg	tccgatgaac	tcgntccgag	ctgcctagac	cgaaacgggc	aaagtctcat	1080
agttttattga	tagatgcgta	acagcaagcc	ttgggggcna	agaaataaga	cattggaatt	1140
tttatataga	tgtctt					1156

<210> 756

<211> 606

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(606)

<223> n = A,T,C or G

<400> 756

tgcgcccaga	acctatctag	gctcgtctgc	agaacatgaa	cgaagtccctg	cgttgccagg	60
cggttgggtt	ggttggatgg	gtaccttttg	gaagattcct	gatgcctacg	cccttcagca	120
tcagagtctc	gacgcctact	tgttcacccg	attccttcgc	atctgctgca	ccatctgctt	180
cgtgagtcct	tgcatacat	ggcccgtcct	ctttcctgtc	aatgccactg	gcggcaacgg	240
aaagaccgag	ctggagcttc	tctcctacag	caacatcaac	attcagagct	caaaggagag	300
gaacaggctg	tacgcccact	gcttcacgcg	ctggatcggt	tatggtttcg	tcatgtacac	360
catcatgcgc	gagtgctcct	tctacgtcag	cgtgcgcaca	gcattcctcc	tcactcctca	420
gtacgccaag	cgcatactcg	ctcgcaacgt	ctnttccctc	agtgcccaag	gactatctcg	480
acgaggtcgc	ctccgcgtact	ntnttttaac	attctgtcaa	aaacgttttg	atnccctggly	540
aaaccaanga	ggnggaccan	attgtcnaaa	aacccccacga	nggtgccatg	aaactcnaaa	600
ngggaa						606

<210> 757

<211> 1913

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1913)

<223> n = A,T,C or G

<400> 757

acaatcaacc	actctcatct	ctcaaaacaac	tctcaccacc	accaacacca	ctcacctctt	60
caacttacac	acaaaaccca	caacggccaa	catgaagtgc	actggtatcc	tctctgctct	120
cgtctcacc	tccgcgctct	cggccaccac	tgtctcttcc	gacactgggt	acgtgacaa	180

gtctcgeccc	atgacctccg	tcgcctgctc	tgacggctcc	aacgggtctca	tcaccaagta	240
cggntggaag	acccagggca	acatccccac	tccttacgtt	ggtgggtgtca	acatcattgc	300
tggttggaac	tcccccaact	gtggtggctg	ctaccgcctc	gagttcaagg	gccgcaagat	360
caacgtcctt	gccatcgacc	acgcgcctc	cggtttcaac	attggccttg	atgccatgaa	420
cgccttcacc	ggtggccagg	ccactcagct	cggccgcac	aacgctcagg	tctaccacgc	480
cgacgcttcc	gcttgtggcc	tcaagaagta	aacggcgcaa	ctctacgact	ttttatgaga	540
tgcattacgg	acgggggttt	tggacagcgg	acattttatg	attcttctct	tccttagaac	600
tatgggttta	atacttggca	ttggatggcg	tttagactat	gattttacca	ccacataatc	660
taactagata	cttacactta	cagtatgaat	gaacatagag	cttaattgcc	ttgtatcaaa	720
atcataaaaa	ccaacaatgt	accaccagaa	aagacaacct	aacacttaga	cgtccaaagg	780
ctttccaagg	aatgtatgcc	caacccaaaa	caagagaatt	gaatcaattg	tagatttccg	840
ccccgagcag	tgttgcaaga	agctgataag	cgttttcaca	cgcttatagc	atgccaaagc	900
cggcgaaacat	ggtgcttagg	acaatagtea	gaccccatgt	tcggccaacc	tcgatgacag	960
cagcgccatt	gctcttagtt	gactctgcgg	tgtcagaatc	gtcgtcgttg	ttttcacttc	1020
cgggtgtgtc	ggtgtlaaac	gtgttgccgt	cgtcagtagc	gctagctgtg	gccttaacag	1080
taccagtgcc	tataactatg	gaagtttgtt	tgtatttctt	gggtcttctc	gcacgcgcatg	1140
gggtgtttct	tgggcagtea	gagggcacaag	aggttttgcc	ggcacaatcc	gtgacacact	1200
ggttacccca	ttcttggcag	acgtaaaagg	gaagggtgag	ggagtattcg	gacacgttag	1260
gttgctttcc	gtcaccgcag	atgcagccat	aagtgagggg	tttgggattg	cattcggttg	1320
ccttggtatc	tccttacta	gtttgaccac	agatcatggg	acatgtctct	atttcgttct	1380
ggcaccaaac	cttgcgtagg	gacagaggca	cgctctcagg	gtcgatcacg	tagtcggcgt	1440
tgacaagagt	gacagccgaa	gccgcagtag	cgaggacgat	tgttccaaga	gaaggcatta	1500
taatggcgta	tcggtgcttg	aaaacaaaaa	ttgatttgtt	tttatgctgg	taggtatata	1560
caacgggttta	tatcagatgt	tcaaaaagttg	gtaaaacggtg	aagattgaca	gaagatgggt	1620
tgcctaaagc	aaattggaac	ttcaacggaa	atgggagcga	cagtatgaat	agaatatcgg	1680
aatgaaaagt	tagcgactgt	tcaagaccag	gtctgatata	gcgagtgtat	caactgaggt	1740
gaggagagga	aagaagaagc	tgagaaaaaa	aaggtcgagg	aggtccgaga	catatcaacg	1800
atgcttgact	tacaaagcaa	attggaactt	caacggaaat	gggagcgaca	gtatgaatag	1860
aatatcgga	tgaaaagtta	gcgactgttc	aagaccaggt	ctgatatagc	gag	1913

<210> 758

<211> 599

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(599)

<223> n = A,T,C or G

<400> 758

caatcgggttt	ccatcgattc	ctatcctctc	agcacacttt	taaaactgct	ccatcgggttt	60
ctcttgttat	aattctctag	aagcacctct	ttcgcaacac	gacaatgtct	cgcggcgga	120
ccacccttta	cgtgaccggc	ttcagccacg	gtaccgcgcg	tcccgacctc	gcctacgagt	180
tccaaacgcta	tggccgactg	gttcgctgtg	acattcctgc	acccagggtct	acgtccagcc	240
gtctcttcgc	ctttgttgag	tatgaggacc	gacgtgatgc	tgatgatgct	tatcatgaga	300
tgcacaacaa	acgtattggg	cgtgatgaca	ttctaagat	cgagtgggct	cgcactctct	360
ctcttgcatc	ttggcgcttc	gagtcaggcc	gcgatcgtga	tggcggtggg	ggggcccgcg	420
ctcttagaag	tggacgttct	ccttctctct	gtcgacgac	tctggaatna	tctctctcgc	480
aagggaacac	cgcacgggac	cgggaacgaa	gactatgata	gcgaagagcc	gaggtgacag	540
ggatcgcctc	cgcagttctg	ccacggggga	ccgtgagcgg	gactcttaag	gatgatcgc	599

<210> 759

<211> 624

<212> DNA

<213> *Fusarium venenatum*

<400> 759

agctcttact	ttctccgaaa	tggagaagca	gaacgagtat	cttagccaga	acgcagagac	60
caagggagca	ggaagaaggc	ctatcgacag	cttatttagag	attgtcaagg	aggatctaga	120

taactacgga	gagtgcacga	ttcccgttga	cgaggccaac	accatcaata	tgaagctctt	180
cccccatcat	attgaccctc	ccagggttcg	aggctggcat	gtccccgtac	ccaaagccaa	240
atttgccgac	attatggacc	ctacgtggga	tctcaccctg	caaaagggtca	tttcccatat	300
cgatggtgtc	tctgacgttc	gacgcacgc	tcacgcagct	tccgtctcac	tgcagctagc	360
caagactgca	ctccggcacc	ttctttacta	tgatactatc	cttcttctcg	acatgttctt	420
tttcaagtgc	atgttacgca	cctcgtcccg	gcacccatga	ctttattcga	aacattgacg	480
gaatggttga	cgaagtgtgc	ttcgtatgtg	tctcacggcc	gtggacttgt	gagcaactat	540
catcttatca	aactcatgtc	gacgtttact	cctggcaagt	ccgtcatgga	gtggctaaag	600
ggccatcaaa	aactcaggct	tcca				624

<210> 760
 <211> 589
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 760						
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tggtcgttag	aattcgacag	cccgtegacg	aggcggcgct	tcagaagttc	atttctgaaa	120
atgtacctga	catcaaaaac	ccaattgacc	tcaaacaatt	tggttttggt	cagtccaacc	180
caacatatca	aatcacccgt	tccgatggcc	agcgcttcgt	gatgcgaaag	aagccacctg	240
gaaagctcct	ctccaagaca	gcccacaaaag	ttgagcgcg	gtaccgcac	atgcatgtct	300
ttgaaaacac	tgatgtttgc	gtccccaaga	cgtactgctt	atgcgaggat	gactctgtaa	360
tccggaacacc	gttttacata	atggagtttc	tccgatggcg	tatttttgag	gacttcacga	420
tgcctggtgt	agagccagcc	gaacgtgagg	ccatgtggcg	cgatgctgtg	ttaacctggg	480
ctcgattcca	tgcagttgat	tacaaaaagg	ttgggctgga	aaanttggt	aaccatcngg	540
tttctatcat	cgacagatca	atacttgggt	gacaaattgc	ggaagccag		589

<210> 761
 <211> 570
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<100> 761						
ncaatccgct	cgcagaagcc	atcatcatcc	cttcaaagcc	caaatntctc	accgtcacct	60
acgccaaact	cgaatccgac	gtctcanctt	tccagcgcaa	gtcgcgtgat	ctgggcatna	120
caaaagctgc	ccccgtctcc	atcgcgctcg	tcaattccta	cgagttcacc	gnetcttttc	180
tccgcgcttc	ctggcagcgt	ggaattgccc	cnctntcaa	cccggcttac	aagcaggatg	240
agtttgagtt	ttatatcgac	gacgtcaaga	gcgccatcgt	cctcgttccc	anaggcgctt	300
ggggggccgg	tgcacctagc	gtaaaaggcg	ccaaqaaqtt	caaccccccc	tgcgctgagt	360
gttattggga	tgaagccccg	ggggagggtc	ccctcnatga	caaaaggac	tggtctnttg	420
aanggcana	angaaaangg	tnttactggt	tgacctgaen	atgtcctttt	attctacaca	480
ctagnggcac	tacattncgc	cccangngg	ttcccttact	tattggaacc	tggncccgaa	540
ctatgaacaa	catttagaac	ccttccgact				570

<210> 762
 <211> 571
 <212> DNA
 <213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(571)
 <223> n = A,T,C or G

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<400> 762
caatttttcag tatataccaa gctccagctc agcctcggcc tcgtacacgc gacaaattcg      60
atatcaacgc agccgcaatc atgacttcca caatcgggtat tcccatcaag ctccctgaacg      120
aagcacaggg ccacattggt accctcgaaa tcacctctgg tcagacctac cgcggcaagc      180
tctctgatgc tgaggacaac atgaacgtcc aactcaagga catcacctgc accgcccgcg      240
acggggcgcgt ctcccatctc gaccaggtct acatccgcgg ctcccacgtg cgtttcttca      300
tcgttccccga catgctccgc aacgcgcccc tgttcncag ccgcaacgtc cgtggccgtg      360
gtgtcgggtct cgctagaagt cgcgcaaccg tcagccgaac gcgcgcaggc ggtcgaagaa      420
gangataaac ctagaaaaag gaagaagaga gacaataatn gagagacaaa tgcntgtttt      480
ggcgttcang cttattttgga tttttcatga acttcaaacg aagggtctat catcttcttt      540
tttttggtna aagtgaatca taaggaaaag g
```

<210> 763
 <211> 605
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

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<400> 763
ctcgtctctca tctgcctcac ttttttctac acatacccaa cttttctaac ctttaccat      60
attattatac actaattgcc catcatgggt cgcaagttct tcgtcggcgg caacttcaag      120
atgaacgggt ccaagtcgtc catcaaggag attgtcgaca acctcaacaa cgttgacctt      180
gacaagaacg ccgagggtgt tgtctctctt cctgcctctt acctccccct cgtccgcgag      240
actctccgca aggatgtcga ggttgccgct cagaacgtct acgacaagcc caacgggtgt      300
ttcactgggt agantctcgg tcttcccact caaggacagc gagattcacc tgggccattc      360
tcgggtcactc ctgacgcgca accatcattg ggaattctga caagttttct cctcccaaaa      420
caantnccta ccgaaaaaag gctccaagtc atctgggtggc tgcgngaate ccccgaaacc      480
cgogaagggt ggcaaaaacat gatttctctt ccgccaattn aattccccca ttcccaattt      540
cenaacgggt cacatgtcnc cctanaaccc tttnggcatt gncatggcag ggtgcncccc      600
ctaac
```

<210> 764
 <211> 377
 <212> DNA
 <213> Fusarium venenatum

```
<400> 764
gaaagcttca acactctgct tttcttcgcg gcaaacgagg tcattaacga cgagaagaca      60
gctgaagatg ctctcagta catccgtgct ctgaccgcgg acctcaagaa ctacgtcaag      120
aacaacttga agcgggaagat tcttattggg tattctgccg ccgatgtcgg tgatgttctg      180
tgggacacct ggaactatth gcagtgtccc qatcctqatg atgaadatga catgagccga      240
gctgatcttt tgcctctcaa ctgctuctca tgggtgtggt ctgaaccact tatgaaactt      300
cttcatacga cgacctcgct gccggttttg aatcatcgct tgtccctatc ttcttcagtg      360
aatatgggtg catcgag
```

<210> 765
 <211> 661
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(661)

<223> n = A,T,C or G

<400> 765

tccaattcca	cgcccgggcc	ctatcctggt	cctatccctt	catctagctt	tacctcactc	60
cctactatca	ctactagtag	tcgacgaagt	tggacattgt	catagattga	aacgagcctc	120
tctcctcata	ctttactttc	tacatcgttc	taaccccgct	tcgtctcctg	tcaacaggtc	180
tgataattca	actctgacac	catggccgcg	ccctctggtc	accgctctcg	cggttctgat	240
gatctgggcg	tctttgatga	cgccaaaagc	tactatactg	cagagcgtca	ttagaaccgt	300
gctggccctc	gcacccgaac	ttactcccag	gttgggtgta	ccgacatcgt	cgtgttggtta	360
cctgaattga	tattggaaac	agaacaagt	tgatgtcacg	ctttgagcga	gtcaatcttt	420
gagagccctt	cagacgtggg	agttatgacg	agaactcaca	acagaaccgc	cgttttttga	480
tccaagttga	ttcgacattg	gaaagtcttt	cactccaaga	agatcccaat	gggaacatgc	540
cgattacaat	tgaggacaat	gggcccgaag	gttttttttt	gcgtaccggc	gtttagttgg	600
cacaaccggt	tcgatgtgcg	aggaacttat	atgctgncca	acctcttgca	ggagttgacc	660
						661

<210> 766

<211> 659

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(659)

<223> n = A,T,C or G

<400> 766

tacagaacca	atntcatcaa	catcgaacat	catccaagag	atgagtagtc	gcgggtggtaa	60
attagcccca	gaagtcaatc	gagctctggt	cgtaaagaac	ttgagttaca	acgtcactcc	120
agaagagttg	ttcgatctct	ttggaaaatt	cggcccccatt	cgccaagttc	gacagggtat	180
cgccaacaac	accaagggaa	ctgcattcgt	tgtctatgaa	gacgtagccg	acgcgaagca	240
ggcctgcgac	aagctcaacg	gcttcaactt	ccaaaaccga	tacctngttg	ttctatacca	300
ccagcccgac	aagatggcca	agtcaaaaaga	ggacctcgaa	gctcgccgcg	aatcttttagc	360
tcagctcaag	accagcatg	gtatcgattg	acaatccgac	cggctctgtg	atagcctgct	420
aggaagtoga	cttccctcgt	tgcaggccgg	tcttcgtctt	cttctaaatc	tccgtcacc	480
gatccgaaga	cgatccttcg	aaaaggcaga	gccccgatca	aganggtagc	caccaaagag	540
ccccgcattc	cccccgagtc	gtccgttttg	acgacggact	tcgacctgca	cttgccctgtg	600
catgatgtat	caaccctttt	tatcacacca	ctttttttgga	nggggctttt	aaaacaagg	659

<210> 767

<211> 726

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 767

ggacgaggtt	tcaacaaaaac	ggctatccct	attctttgtg	gtaccaagta	cgaccacttt	60
gtcaactttc	cccccaaga	ccaagaagag	atctcaaatc	aggcgagacg	atttgccaaa	120
ggcatgaggg	ctgcattaat	cttttcaagt	ncaagtcata	gcataaatgg	tgcaaaagat	180
cttcaaanatn	ggtctatcaa	aggcatlcga	cctaaaagtg	tncbatttcc	gaaatcgaaa	240
atgttgggga	ggctttttctg	gtatatcagt	ctgataatgg	aacbacgggc	cgttaccaag	300
ccttaacatg	ttgaacctgg	acaccatgga	acgacgaatt	ctaacttaca	tatggcgatt	360
tcagcatcgt	acaacagtc	cagcaaaaaa	tggttgctac	cccccttttc	aagcactttc	420
ttttgggtcat	tacataacat	acaaaactgga	tcgtctcctg	tttctttttc	actcacacac	480
aaaacaaaact	tgacacttta	ttacgggattt	cacgggaaag	aggtcaggat	cacctctygg	540

aaatagataa	acatgggggt	tattggcgca	ggaccgcatg	tgattgacgt	ggacacttgg	600
agagggtatt	tgagacaaag	atacaaatcg	acttggtaat	cgtgtgaaaa	aaaaatttgt	660
gtgggggaga	tgtatgcttc	ctagacgtag	atgacggttg	taagatttct	ctcatttcga	720
gttacc						726

<210> 768
 <211> 439
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(439)
 <223> n = A,T,C or G

<400> 768						
cgaacaatta	actatctaaa	gccgaattaa	caatcgatla	accanacacc	tttttatacc	60
cgcaaaatca	aatcgcaacc	atggctactg	gagcgcantc	nttctacgag	ctgtaccgac	120
gaagcagcat	tggctcttgc	ttgacagaca	cactcgatga	tcttatcagc	gaagagcgca	180
tcaaccccc	actggccatg	aagattctgg	gcaacttcga	tcaggccatc	accgaggcgc	240
tccaaaagaa	tgtcaaggcc	cgtctccant	tcaaggggaag	cctngatata	taccgatttt	300
gcgatgaggt	ttgggacctt	cttgatcaaa	aatgtgacgt	tcaagatgga	cagcgggaagc	360
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caatanacac	tnagatgc					439

<210> 769
 <211> 600
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 769						
ctttgtctga	tacttaacac	aaggccatct	gacttgaagt	tgatcgacat	caanatacct	60
tattagcttc	gcttgntaat	gatcgacacc	cgggacaacc	tttaacacac	actccaacgt	120
tggeccattt	cggatttctt	cacacaactt	caattcacca	cttcaacaat	ggatgaggat	180
caaggaccac	aatccattgc	gcctgaacat	gcaccgtcca	agacaattgc	tcagcgttgc	240
aatggtcttg	ttaaagcggt	cacaactaga	cacggctctga	tcggcgatta	cgactatggc	300
ttctcttttc	gccaaacctg	ctttcatgaa	gaagagcggt	aaccaagcc	ctttcttttg	360
actcaacgac	aagatgccag	ttcttcttgg	tttactcttg	gggtccaaca	ttgcatttgc	420
catgttagca	gggtgnatta	cgccacccat	tatcatcaag	tggcagcgcc	aatctattgc	480
ctgaacaaca	acaatacctt	gnctcgactg	cccttatggc	tnangcatct	tttccgctgt	540
ncagatactc	gtttaaactt	tttgcccaca	atattatntt	ggactggaga	ctgcagncgt	600

<210> 770
 <211> 610
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 770						
caagaatttc	ctccgatccc	gactctttct	ctccctctcc	ttctcacgaa	cagaagctgc	60
atcactctcc	gtccttgacc	tcttacctcc	gctctcgatc	tcttttccgt	gatctcacgt	120

cacgtatctg	aataattctt	ctttcaattg	ccaatccggc	cgaaggacct	taatatcttc	180
cacaatgctc	agcgccgctc	tccgaaggcg	tgttctcacc	cctacacaca	gcgctctgtg	240
aaccggcttc	gctgcccacg	ttgtgcgaca	ctatgcctct	ttccctgagc	accaagggtca	300
ttcaagatgc	ctgctctgtc	ttccactaat	gcaggctggc	aacanttggc	ggtctggcag	360
aagaagatcg	gtgactccat	cgcccccggt	gacgttcttg	ttgagatcga	naccgataaa	420
ggctcagatg	gacttcgaat	tccaggaaga	aggtgttatt	gccaaagatcc	tgaaggatgc	480
tggcganaaa	gatattcctg	ttggcagccc	cattgccgtt	ctcgttgaag	aagggtaccga	540
tgtcccgcctt	tcgaaaattc	tccgttgaag	accccggtgg	gatgccgctn	ancccgctgc	600
ctccaaggaa						610

<210> 771
 <211> 322
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 771						
ntcgaatcttg	nccgcaactg	tggtgctttc	tntgccgagg	aggcggagga	ctaccttaag	60
atgggtgttc	tcaacgggtc	cttctccttg	gccgaacatt	ggtcttattg	cccatttcct	120
cgaccanaaa	cgtctgcnaa	ctggtctctc	cgtcatccc	tgggacgaca	ttacttacct	180
tctccccaac	ctccggggagg	ctggtgcccc	tggtgctgag	ggcgtgttg	aggtttctct	240
gtgaagaatg	gggaatggta	atgcaatcgg	aaagggaana	nataaggcgt	cnagcatttg	300
atgatnttgt	gcccgcctgg	ac				322

<210> 772
 <211> 625
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(625)
 <223> n = A,T,C or G

<400> 772						
ctgacccaaa	cacaattgtg	caggtgggtg	tggagatcac	accaaccatc	accactgct	60
cattggctac	tgtcattggg	cttggagttc	gagttagact	tgaacaagca	ctgccgccca	120
actaccgcgt	cgatgtgacc	tgcaaggaga	acagtcacaa	ccaagacgat	caagtcaaca	180
agcagttagg	cqacaaggag	cgagttgctg	ccgtctctga	aaatgatacc	ctgaaggagg	240
ttctggacaa	gatgctggag	acatgcgctt	agtcattggc	taccatcatc	gacctctact	300
ctttttagaag	cttccaaaag	cgcattggata	atgcttgctg	atcttcgttg	cccactatcg	360
actggtgtca	ttgtactttt	gatagccaaa	acgcgacatc	gttttcgtac	cgaagcttga	420
tggcaaacgc	gaaaatacca	cccttccatc	gatgtcttga	atctcggcat	tcaagacggg	480
gtattcatta	agtcttggat	agactgaacc	ggtgaactgg	taataaacat	acaactgggg	540
aaaataccga	ctcgtgattg	gagaagaaga	ataaggacat	caatcaaggg	ccctcattca	600
tctaatataag	ggtcaaggtc	caacn				625

<210> 773
 <211> 648
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

```

<400> 773
gaaactccaa gccagtagct gtattccgta agaagccatg tccctgccgt caactatgaa      60
aggccgtcat ttttgacggc ctgtacaaga tctcggtcca ggatcgatct gtgccccaga      120
tccgtgatgg cagagatata attgtcaaag ttcattgccg gggattgtgc ggatccgagc      180
ttcacatcta ccgtggccac caaccgtcgg gcaccggggt cgtcatgggc catgagtta      240
ctggaacagt tgttcaagtt ggttcggatg tcaaaacccat cgacatcggg gacaaggtcg      300
tcgccccatt cacagcttct tgcggcaatt gctttctctg taacaacggg tgttcccccc      360
cttgtgttaa aaaccagcc gtttgccggt gaaactctta acggagaaca ggctgaatac      420
gtccgaattc ctatggctga tgggaactgt gtcaaggctc ccgagactat atcggacgaa      480
actntnttac tcatggcgga catcttcccc actgnatttc tacggtgtca agaagtgtca      540
tggagcttgt gccttcccaa aacatccaaag aagctacgat ggatcatcggg gggctgggnc      600
ctgntgggct ctgcccant tggcagncac tnatttnaag ccttggtt      648

```

<210> 774

<211> 187

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(487)

<223> n = A,T,C or G

```

<400> 774
tcganaagta cctgcgcatt gctcgcaaga cccaccggga ggctgccatt gacacagctc      60
tcgccttctg ttaagctcgt ctcgagcagc tatccgaact tgaggacttt ctctcngcca      120
ccaatgttgc caacattgag gagtctgggt acaaggctta cgaggaaggc ttgtacgagg      180
cctccaagat nttctacacc agcatctcca actgggctaa gctggccacc actntcgtec      240
atctngngga ctaaccaagc gcgttgagtg cgtcgcaag gccacaaca tcaaggtgtg      300
gaagcaggtc cagcaggctt gtgtgganaa naaggagtcc gcttgcctca atttgcggct      360
taatctgatg gcgatgctga ncaactccaa atttgggcaa ngagtatgan cncaccggtn      420
ctttgatgac tnatcacctt tttgagcagg tttggcctcg ancgctctna tgggaatggt      480
actgact

```

<210> 775

<211> 564

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(564)

<223> n = A,T,C or G

```

<400> 775
caaacactcg catcacagac tcagaaatat tcgaaagacg ataccctgtt ctctctctcg      60
aattttctat ccgctcttga tcaggaggac aaggtcagca ccgcggcggt gatgggtgtc      120
tcggcgacat cgagtttgcg attcctcttc aagtatccat cctcagcqaq catcacatct      180
atcgtcctta tgggttgaac gggggagggt agggagaatg tgggtctcaac ctttgggtcc      240
gaaagggttg aaaggcaaac tgggaggtat ccttgaagca gtttcacacc agggatgacg      300
cggcngaggt agagtatgag gagagacatg tcaacatggg agccaagaac acggctgcga      360
tgaagggtgg agatcgcatc atcatctgca cacttgagg aggtgcgtgg ggagcncgag      420
ggaacncgag agtgtaacca aaaagaaggt cgatcatact gaagcgtgga ggaagggaaa      480
gtggtagtgc caaggatgaa actgcctllaa gcttagacna ggtgatggga ttatttacia      540
gaactaagtga tgaagttatc taag

```

<210> 776

<211> 675

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 776

ctttgactta	tcaccactga	ttcgaagccg	acggcgacaa	acagctaatt	aaccaagcct	60
aactactgtt	tcgatcgagt	ccccgatcc	cccgcaatcg	aatttcgccc	atcatgtccg	120
acgtccaaga	acgcctcaag	aagctcggcc	tcggtgcccc	aactggtgga	aagggtaccc	180
cccgcacaaa	ggtcgaagcg	gcacctgccc	gctccgggtg	cgacnacaa	gaagcttcagc	240
tcgcccctaa	gaagctgaac	acccagcccc	tccaggccat	cgaggaggtc	aacatgttca	300
agcaggacgg	aaacgtcctc	cactttgtct	cccccaaggt	ccacgccgnt	gtcccccca	360
acaccttcgc	catctacggg	aacgggtgag	acaaggagct	cactgagctt	gtccccggca	420
tctttaacca	agctgggccc	cgactccctt	gcttntctcc	gtaagctcgc	tgagagctac	480
cannaacctcc	agaaggagaa	gggtgaggac	nacgaacnag	tccccgacct	tgctgagggt	540
ganaaccttcg	agggagaacc	caaggctcag	tnaatttcc	tcaaaaaaac	tcgaggcgga	600
tggggcantg	aaatcgtagg	catgtccggn	caaaaagggt	ggctagtctt	tcctgcgang	660
cgggttttat	gtttt					675

<210> 777

<211> 1565

<212> DNA

<213> Fusarium venenatum

<400> 777

ctgcttgaga	aatacaaaatt	gtccccatcc	gcccattcctg	aggettttctt	ttttccctct	60
cttccctttcc	tcacccccaaa	cttttataca	aacacaatta	catcaagatt	tacagcccaa	120
ggcaatcaag	atgtttctaaa	caacccccct	tccccgttgt	tccccccaag	cctcagtcac	180
aattacgtct	caggacccta	acaagttaat	ccccactctt	caaccaaccc	gttcagctca	240
cctcagggtc	gaacctgaac	tcagcactgc	tttgaatagc	ttcggctcca	gttccctcac	300
aaacgcacac	atttcaggcc	aagacttccc	agtcttcacc	acggatcccc	aatcaccatg	360
gcttctctcc	accagtcccc	gcctgcccgc	acaatccgcg	caacagttac	agagtcccga	420
atcacgcgct	caggactttg	tcttgttcga	tcagccccct	aatcgctcta	caacaacatc	480
gctgccaaac	cagcgtcgtc	actcgtctca	tctgcaaaac	cgccaacagc	ctgtctcccc	540
tgctgttcag	aatcaacgag	tagcccagtt	gctccaggct	tttggtcgtc	cttcgtctac	600
tgtaaacacac	aaacgccccca	cgaaccagtt	ttacgcttct	tcggccccct	cgctcatctac	660
tgcattgaac	cagcagaacc	gtgctgctcg	acccccagta	cctttttttt	ccagagtaca	720
ggtagcgtcc	cgcaacaaac	cgccaggatg	atgaacgctg	cagacgtcga	actcgaagag	780
ttcactgcct	tcgagggcgg	ggcccacacg	gccttttcc	cacctgctgt	tgcttctgtc	840
tttgacttta	gcagcagtg	gtctagctct	attgccaact	tggcgaccat	ctcgctcag	900
gatcttcttg	ttcaagaacc	ttccatgtct	gctcccaact	cgtcggccct	caaggctttg	960
acctctccat	ccatctacaa	tgagtctccg	gactttgacc	agtatgatgt	gtctcccaac	1020
tttggaatg	ccgatttcga	cacacctgct	ggagattggt	tcctctgttc	cctacggaac	1080
cctcagctgt	tccccagctg	agtgttgaga	cctctcctga	gatgaagtct	gatgagttgg	1140
actctgatgc	tcagtctcct	cccatgcccc	gtcgcaagtc	gggtacatcg	ccttccactc	1200
gccactcttc	tgtggctggg	gttaatgccc	gcaagcgaga	caagcctctg	cctccccatc	1260
tcacgatga	ccctagtgac	atcattgcta	tgaagcgtgc	tcctaact	cttgcgcgac	1320
gaaagtctcg	ggagngcag	gcaatgaaga	tggagggaact	ggaagacaa	attgcacagt	1380
tggaagaaga	acgtjatcac	tggaagaaga	tcgctcttgc	gcaatcaggt	gcgcaataat	1440
ggattaaaaag	tggaattact	ttctttcgcc	aatatcgga	tatcggttgg	ttcgtttatt	1500
gagttttaat	caagtttcat	tgattcctat	cagtcacaa	agtcaatcaa	attgttttatg	1560
aaata						1565

<210> 778

<211> 585

<212> DNA

<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(585)
<223> n = A,T,C or G

<400> 778
ttttgcgcca gtttgaagta acactctcaa cagccgagga atcatctttg ctaccagtaa      60
ctcaacctcg caactataca caaacttcaa aatgggcaag aagcgtgcgc gtgaagangg      120
caaggacgtc ccgcctgcgg acgttaacat gatggatgag gacagttcag atgacgagga      180
tttcgatatg gtcaacgtcg acttcagagt gttcaacttc gatcctgagg ttgatttcca      240
tggaaccaag acgcttttgc gacaactatt cgatgttgat gcgaatcttt tcaatatgtc      300
tgccctcgcc gatctcggtc ttccacaacc caccattggt tcaaccatca aggttgatgg      360
caagggcaac gangcctaag ccctttctcac cgtccttaat acagctgttc atcnagataa      420
ggagccaatg aaggataten tccaatacct tgtggagaan gcgcaaacca attcgtccct      480
aqcgcattg cagatgtcct cagcagcnac aacatgtcgg accatgttct ccgaacgtct      540
catcatatg atttcggaac tagcaacgac acatattctg atgcc

```

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<210> 779
<211> 475
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

<400> 779
gacaaacctc aagaagcagg gtatgctgcc cctgaccttc tctgacctg ccgactacga      60
caagatccga cctgatgaca aggtcgacat cctctgcact cagctcgagg ttggcaagcc      120
cctcccccctc gttgtccacc ctgcgcagcg cagcaagtc ttcgagggtgc cctgtccca      180
caccttcaac gagggccaga tcgagtgggt caagaatggc tctgctctta acaccatggc      240
caagactagc aactaaagaa agaacgaacn aagacganca atttgatttt tattgggtca      300
caaacggcgt acatcctgat gctctcatgt tgggttttga gantaacagt anaagggtt      360
atcaatggaa gttaaagtgc ttttacattg actgcccatt ttttattaca tnattgtnc      420
agggagtacc atgcttcatt aattgtacaa aatcaaaatg tttaatcact tcnat      475

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```

<210> 780
<211> 485
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(485)
<223> n = A,T,C or G

<400> 780
agttngggta tcttnggtct agagactata cttcaaaatg aaqcaaaqat tctcttcgnt      60
ggatgqgaaa atcattgcan atgagttcca ggagcgcttg gtgactcttc gactctccaa      120
tgtatacgac ctttccctca aaattcttct cctcaagttt gcgaaaaccg acaataagaa      180
ggagcttggt attgacaatg gattccgttg tcatctgaca aagttcgnac gcacaaccgg      240
tgnggcctct nnatattcgt tgcgcgcctc gggaagtctc tcaagaccan acggttgacg      300
gnagttagge aagtaggcac cgatagagtc ctccaatttg agttcagcga tggcaatata      360
gcattgttct agagtttctt gntgggggga acatcatctt cacagatgcn gatttaaaaca      420
tcttggcctn ggganaaccg ttttcgaagn gaaaggngang aaccccaacg agttggactg      480
caata

```

```

<210> 781
<211> 470

```

<212> DNA

<213> *Fusarium venenatum*

<400> 781

gttggtgtgct	gctggttgcca	tcattctttat	cgttgcatct	gtactgttag	gctcagtact	60
cacggcgctt	gtggtatctg	taacagttgt	gatgagtgtt	gtggacatta	tgggcagcat	120
ggctttgttc	aatgtttcct	tgaatgccgt	ttcccttgtc	aacctcatca	tctgcgtggg	180
tatctcggtt	gagttctgtg	ctcacattgc	acgagctttc	atgtatccat	cgcgaccgt	240
gatggagggc	aatagcaacg	ccttccgtgg	tcgtgatgct	cgagcttgga	ccgctcttgt	300
taatgtcggt	ggattcgtgt	tctctgggat	cacagtcact	aaacttttgg	gtgtttctgt	360
gctcgctttt	acacgattca	agattttgag	atctactact	tccgagtttg	gctgtctctt	420
gtcgtattgc	cgcccttcat	gcccgaatctc	ctgcccgttg	ctccgagtat		470

<210> 782

<211> 600

<212> DNA

<213> *Fusarium venenatum*

<400> 782

acggcttcgc	gagaaagatc	agaagacccg	gcccggcctc	acccatttct	ccgcatacat	60
catctacatc	ttctcttaat	atatccagct	ccaagtggcc	cagtatggcc	gctgctgctt	120
ctgagagctt	catccacctg	gcgaggcctt	tggcgcccaa	taccgtcggc	ctccagacta	180
accttgcccc	gctcaactgtc	aacatccagc	ctcaggctgt	cctttccatc	ctcgaccacg	240
ccgtccgacg	agacatccga	gatacccaat	ccacccgagt	catcggcgct	cttggttgga	300
cccgatctga	agatggcacc	gaagtccagg	tcgcgtcatg	ccttgccatc	ccccacaccg	360
aggaggagga	ccaggtcgag	gtcgatgttg	agtaccagaa	gaacatgctt	gctttgactc	420
tcaaggccaa	ccgcggcgag	tcctcctcgg	ctggtacacc	acctctcacg	agcttaacag	480
cttcagcgcc	ctcatccaga	acttcttcgg	cagccctgac	accggcactt	tccccacccc	540
gccattcaca	tgaccatctc	taccgaagcc	tggggcgaaga	tattcagtct	cgatgctaca	600

<210> 783

<211> 516

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(516)

<223> n = A,T,C or G

<400> 783

acttacgaga	ccgctcaaaa	ccagttcatc	actgtagatg	gcatacaaatt	cgcctacaga	60
cgcttcggcc	aaaccaatgg	tgtgcccctc	acattactta	tgcacttttag	yggaacaatg	120
gacattggga	atccagccct	cataaatccc	ctcgctgcta	agcgacccat	catcatgata	180
gataatgctg	gcgtaggtcg	ttcagaagga	caagttccca	aacagtactt	cttatgggcg	240
cagtactaca	taaagtgtct	gcgagcactc	ggcgttgaca	agactgatgt	aatgggttnc	300
tcaatggggg	gatgcgctgc	gcaacttgtc	gctnacggc	anggncttgt	acgtcgctga	360
tttttgcgga	accatgcccc	gcagnggcga	aggctccgnac	cagcaccgcg	ttncaccttt	420
aaccttttta	ttggggccaa	gacagaggng	gacnnaaaan	tgctttcatg	ataanatatt	480
ggatatacat	atagcaanagc	ccaggcaagt	tenttg			516

<210> 784

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

```

<400> 784
agaatcaacc cctctgcgag atattcaacc acttcttctt cgtcttcacg gcattcactt      60
tcatcactta agccctgtga tatctaaagt catctcattg aaacatacac tgacacccct      120
ctctgaaagt cactgggaac attgagctcc caacttactc aattgattca cctacttcat      180
cccagctgcg aactcgctcc tccgttcggc acctcgtcga ctagctgcag cttcacgctt      240
atcgtcacgc cgttgggact tcatctgaaa ccatggccaa actcgattct acttcaggc      300
tcaccacct gaagggttg atgaangaac gtaacgtcca agtttacatt attccttctg      360
aagacagcca ctcatctgaa tacatcgag aatgcgatgc cagganagct tacatctcgg      420
gattcactgg ctctgctgga tgtgcgctg tgaccatgga atctgctgcc cttgctactg      480
atggccgtta cttcaaccaa gccgcctctc aactcgacga naattggacc tacttnaaca      540
agggttcaa natgtttctac ttggcaggat tggctcngngg acaatctc      588

```

<210> 785

<211> 615

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(615)

<223> n = A,T,C or G

```

<400> 785
agtacgaccg catcatggag aagaagatga ctacccccac tgaggtcctt tgccgtgggt      60
tccctaacga gtttgccatc tacctgaact acactcgatc ccttcgcttc gatgacaage      120
ccgactacag ctacctcgc aagatcttcc gagacctctt cgttcgtgag ggtttccagt      180
acgactacgt cttcgattgg accgtataca agtaccagaa gaacgctcag gctatcgcca      240
ggctgctggc aagccaaccc cgaggatgac gagaaggctc gtgccagccc gcaccaatgc      300
cgctactgcc ggccagctct ctgctaagcc caacgctatt ccagcactcg ccgcaagatg      360
cttgagcgan gctctggcgc ttggcgcttg cactccgaca ccaaccgtgc cattgggtgg      420
aagcacagga tgtgagtata tggncataac aggcttctn acttcaagga ccggacatgc      480
ctcggcagtn tcggcgcaatg attcaaaccg ataccctttt tttttnggat cttatatggg      540
accgttnttg cgatcaacca aattgnatcg gtnaagtttt gaagtgggtga tttgtgcata      600
tttgccatga cgtnc      615

```

<210> 786

<211> 2096

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(2096)

<223> n = A,T,C or G

```

<400> 786
cgatcttttc cgaaaggcaa ggaagggtcca tctccccatc acattttcca catcatcaag      60
tataaagcaa gccgtctctt ccccccacgc tggactttac tcttcaccaq atcaaacaca      120
atcaagcaca agaaaacac actcgcaaaa accaccactt taaaactcat tctcaaatac      180
tatcaacgtg aaacacttca cttccaaaac catcaccaac acaacaaaaca cantggcttt      240
cttccccgcg aactttctaa actccgaagg ttccttcacc cctctcttcc gcttccttga      300
cgactacgac agctactctc gccagggaac caacggaaat ggcactcgtc gcagcggcct      360
tagccactgg cagccccagt togatgtccg cgagactgga gactcctacg agcttcatgg      420
cgaactccct ggtatgaaga agtctgatgt tccatcagag ctcatcgagc ctccagatat      480
gctcatcctg ggcaagaccc agtgcactta cactgcgggc acacctcccg ctggcctcgt      540
cgaggacact gaagcccagc gccgtatcac cgacaacaac gaggaacaca acaactccca      600
ccacgccact gtogaagatg aggagcaggc caaggctcac ganaccagca ctgagggtcac      660
tcaccacaaa aagccccang anggtngana anaagcctgn cgaccaagtc caagtctggc      720
tcaccgagcg caagtttcgg ggaagttctt ttgcagntt caacttttcc tactcgtgta      780

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gaccaagata	acgtattttag	agtcctttaa	ttcatacgat	ggtagtcttg	agcatcgtgg	840
tccacaaagg	ccaaaaagca	cgaatcaaga	acagtaacga	gaggagtcca	ttaacctcgg	900
cacaaaacaa	tcaatcacat	tatagattaa	aaaataatac	atacttgctt	ctaaaggccc	960
tagttttatgc	aaatacaaac	atcgcttact	tgccggcggtt	ctgctgcata	atgagaatct	1020
ggaccatgcg	gatgaagatg	ttgaggaagt	caagctcaag	agagatactc	tcattaacgg	1080
ggtcacggcg	catgacacca	gcctgagcga	gacgggcgtg	gtgcaggacc	ttctggacat	1140
cgaacagagt	gaaaccaccg	aagacagcga	gacccaccgt	acaaccagag	gttttcagtg	1200
aaagcaagag	ttcggacagc	agtggcgggg	atgatgagag	gagcaagacc	ggaggcagca	1260
acgatagcgg	caccagcaag	aagaggacca	ccaatgtaga	ggtacttctc	ctgcttagca	1320
gtggcgccga	caatagcaag	accacccatc	atggcaatgg	tgtanagacc	agcccgcgcc	1380
aaaagaacgg	gaggaacgaa	ggcgagaana	gggncgacaa	agnacgcctg	ggtggcggtg	1440
aagcagtcca	aagagcgtac	tttgggaata	tagttgtcag	ggctgataga	ccgagttcca	1500
atcatggtag	caaagctgag	agcaagccac	caatgccaac	caacccaagg	gttggttaacc	1560
ataattcggg	acacaaagcc	agtttgaacc	atttgtcgag	ccgtcaatcc	aatgatacca	1620
attccaagtc	cagtgtgcaa	gaagggtgtg	ttcagggtatt	cgcgctcgta	gacgggcatg	1680
ccgcatctct	cacgagtcct	acgggtgaag	acagcgttaa	tggcgacaug	agtaccacca	1740
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gtagggggac	cctgggtggt	ataacgaccc	cggcgcgac	tcgttcgctg	gaaggcattg	1860
cggatggcag	tgggtgtgat	gcgcgaggtg	aagaagttgg	ctgtgggctt	ggcctggacg	1920
tggaaagcttc	gggaggatgc	ggagttgcgg	aaagcagctc	ttgagagctc	aggaagcctc	1980
tgcgcaagac	gcgcagggcc	ctggcggaca	gtgagggtga	atgacatcgt	cgttcgttct	2040
gtcgggtgcag	tgcgtcgatc	ataatgcagg	cgtttacaaa	ggaaaatggt	gaagcg	2096

<210> 787

<211> 544

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(544)

<223> n = A,T,C or G

<400> 787

aaaacgggtct	gccaacgaca	gcggcaacac	ctccgccgag	agttctatct	agcacaacgg	60
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cacggtttaa	caacttgagc	acacggttcg	cgttcttaga	ctgcgattcc	gcagggtcgc	180
cggataaaaac	ctggaggtaa	atactgtctt	gtcccatcaa	cgcaattgtc	aatccagcaa	240
aagcaccacc	gagaagaacc	aaaaccatcg	aggcgacggc	gaggacccaa	aggetggtac	300
cctcgccctc	ctcttcacga	tggcctttgg	tgctgattgg	aaaggcggac	acagntgtta	360
agctggcgcc	aaaaactcga	cccatgccaa	tgacagccgg	ccgtattgag	cccatattat	420
atnttcggag	cgtgtgccat	gatgacagta	tgattgactc	gagagtcgtg	cccccgatat	480
cqatqataga	tctcgacccc	aaangcgaaa	cgggaaagcg	aanagtcgly	tgtcaanaat	540
aaaa						544

<210> 788

<211> 620

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 788

cttcgcccag	ccgtcaccac	caaattttcc	acgtcgacaa	cctcaaccgc	cgcaaagatg	60
gtcaacatgc	gcgttcagta	ccgncgacgc	aacggctaca	acaccagctc	caaccgaacc	120
cagatcaatc	aagactcccg	gtgggtgatat	ccgtctgctt	cacatcaaga	agcgaggcac	180
tgtccccaag	tgtqgggtgac	tgcggctcca	agctctctgg	tatccccgct	ctccgacccc	240

gcgagtactc	ccagatctcc	aagcccaana	agaccgtcca	gcgcgcctac	gnggggttctc	300
gatgcggtaa	ctgngtccgn	gaccgnattg	tcgagctttt	cttatcgagg	acanaaaatc	360
gtcaagaagg	tgttgaagga	gcaggagcag	agccagaaga	agaaataaat	gcaatcctaa	420
tcggatttgg	ctttctgcgt	gggaatggca	aggacctctt	ggggattcgg	ttcattgctt	480
tggtgttcat	taggcaaaaa	gggactgaat	gcatgatata	tcgggccgcg	gccagaatgg	540
atggccctct	gctgtcttag	gactgctact	atcctcttgg	tgacttgaat	gacaaaagaa	600
catcaagctg	ggaaaaaaa					620

<210> 789

<211> 524

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 789

ggccatgaga	gcttcgttta	cagtatcaca	agtctcccta	caggcgaact	ggtcagcgca	60
ggagaggatc	gcactgtaag	agtatggaaa	ggcaacgagt	gtgtacagac	cattactcac	120
cccgccatnt	ntgtatggac	agtggcggn	aaccccgaaa	ctgganatat	cgttacaggc	180
gccagcgata	gcattgctcg	cgttttcaca	anaagccctg	aacgtactgg	tgacnacgcg	240
atgcttaagg	agttcnaana	atccgtcaag	tcgtcatcna	ttccccaaca	acaagtnnga	300
ggcatcaaca	aggagaagct	ccccggaccc	gacttctgac	ttcaaggntg	gtccaaggng	360
ggccaagtcc	aaatgatcaa	ggaggacaat	ggtgcccgtg	acttgttaca	catggtncat	420
tgaccnaca	caatggggta	attgtcgnaa	catcttnatt	ctttcgggat	ttcttgga	480
aaggtenata	cacggaaaaa	agtncanttt	ttttttntgt	ttat		524

<210> 790

<211> 490

<212> DNA

<213> *Fusarium venenatum*

<400> 790

gttattctgt	acaagttgct	cgatgagaca	tggggacatg	aaggatacct	gagatggctg	60
atgaacttgc	ggctggagta	taccaagaag	cgaaatgcc	tcctggccgc	gtgcgaagat	120
catctacca	gtgacctcgc	cagctggacg	cctcctgtag	ccggcatggt	tatgtggatc	180
aatattgatt	atacaaagca	tcocgaggca	ggaaagcgaa	gtatcatgga	tatagaggag	240
gaggttttca	actcatgcat	tgagaacggc	gtgctcatcg	ctagaggctc	atggttcttg	300
actgaaaagg	acaaggcacc	accaggactg	ttcttcgggg	cgacgtatgc	atccgccaca	360
cctgagaaca	tgaacaaggc	catcgagaag	tttggaagg	ctgttaggga	tagctttggg	420
cgaagtga	gtacttaggt	agatctatat	cgcttgaaat	tataagcatg	caccgagttt	480
gatatggcgc						490

<210> 791

<211> 356

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(356)

<223> n = A,T,C or G

<400> 791

agacgagcag	aaagttgttg	agggccgtca	aaagtacnac	gccgnattgg	caganaaaat	60
cctatcagca	gaggtgaagc	ctgaactgat	tggtctcgct	ggttggatgc	acgttttctc	120
gactgctttc	cttgatccca	tcaaaaaggc	gggcatcaac	atcattaatc	ttcatcctgc	180
gcttctggga	naatttgacg	gagctagtgc	cattgagcga	gcctatgatg	aattcaaggc	240

cggacgacta acacgctcgg gtatcatggc ccactacgta attgctgagg ttgacagggg	300
tnctcctatc tgggtcaagga gatcgagtgg aagggtgaga gtctaaaaaa ntataa	356

<210> 792
 <211> 608
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 792	
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cttaaggcct tatattcttc atctagaagg cgagacacgg accctgttct gtcgcttttc	120
cctccattca gactcttgat ctccagctgt ctccaaaatc caacgggttg ctatctgact	180
accccgccaa catgagtttc gccggcatgc taaacaggct tcacggccag cctgagagct	240
acgataagaa atccaagtac aagttcggtc gaaccctcgg tgctggaaca tatggagtgt	300
ttcgcgaggg cgatggccta ccggcaagggt tgcagtaaag atcatcctca gcgaaatgtc	360
aanggcacg agcagatggc tatgacgaac tcgagatgct gaanaactca agcacccctat	420
atcgcaagtt gtcnctgggt gagtcnagga caagtctaca tcgtgccagt tgntctggcg	480
gcaacttttg accgatttnc acaggnaaagt taccaaaaga tccccnaacc tnaacaagtc	540
tttgntgcaa ttctcccaga cacatgtcat angattaagc tgnaactttt tactaanaaa	600
acctgatn	608

<210> 793
 <211> 660
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(660)
 <223> n = A,T,C or G

<400> 793	
ggcatccccg agtcactctc attgccaggc gcaaaccgga tccgataaga actacaacaa	60
tgttccctgca acgctccgcc atcactgcgg ctgcgcgcgt cgccgcccga cctgctgtcg	120
ctcgacactt tgtaacctcc gtgcctcgcc gtgatgccag ccgccctgcc acccccagcg	180
aggaggetgc tgcctcttgc ggcactgccg agaagaaggt tggatcctac aaggctctga	240
aggagatcca gactgaggag gatctcttgc gtccctgggtgc cgcccccggt accgtcccta	300
ccgactctga gcaggccacc ggtctcgagg gtctggagat tctcggtlaag atggagggtg	360
tcgacatctt cgacatgcgc cctctcgagg ccaccgcctt cggaacgatg aaggacccca	420
tcattggctcg atctgctggt gaagagcagt ttgctgggtg cactggtttc cctgtcgact	480
ctcacagtgt tacctggctc ggcatacccc gcgagcgccc tatcgancga tgccccgagt	540
ggggcagcgt ctacaanatg gactacgtcg gtccctgagg acgatcacac cacaccacct	600
tctgagtttg aggagcccaa aattttggcg attacattaa gccttgagta cgatcaataa	660

<210> 794
 <211> 699
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(699)
 <223> n = A,T,C or G

<400> 794

cttctacaag	acattgactc	atacatttga	atacttgtac	atcaccaaat	acccaatttc	60
atatactctt	tacaaatctg	aatatgctat	cctccagtaa	tatgatgcga	actagcattc	120
ttcggccagt	taggctgggc	actcaaaaca	caacacttct	cgcacgctca	acaacagcaa	180
taatccagac	aagtcgccaa	aacttttcat	ctaccagaag	aacgccttgt	acaagctgcg	240
tagcttctgg	gtgtcagcca	tgtgtctgtc	acggctcgaa	aagtcgtggc	agtgaagta	300
gcatcaccac	aagcttcaac	gctaaaaacc	tacgcaaagg	tgcagcttat	gccactacag	360
caagtccgat	cctactgag	cagtgggcac	aggttttaga	aaagactggg	ggagctgttc	420
aatataaaaa	gatcccagtc	cctacaccag	gatcagatga	ggttttgatc	aacatcaagt	480
acagcgggtg	ttgtcataca	gatcttacgc	gggcaacggc	gactggcccc	tttgcgtcca	540
agatccctnt	agtggggggg	catgaagggt	caggcggttg	taatagcacg	aggtgaagct	600
gggtcaaaag	acgtcgaaaa	taggtgacca	tgtagggtct	aagtggcttc	atggggtcat	660
gcatgattgg	ngagcaatgg	tccccagtc	aacgaatct			699

<210> 795

<211> 632

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 795

ctcactctcg	ttcgtaaca	tgaagtactc	tacogtctct	gccttggtg	gcctcgccgc	60
cgcttccacc	aagaagcctc	tcgtcaatga	gtccaagctc	caaaaggaca	tcacctcaa	120
gggtctcatg	gctggcgctc	agaagcttca	ggacattgca	gaggccaacg	acgatacccg	180
tgtcttttga	ggcaagggtc	acaacgccac	cgtcgactac	ctctacaaca	ccctcaagtc	240
cctcaactac	tacaatgtca	agaagcagcc	cttcaactgag	ctgtactctg	ccgggtaccgc	300
ctccctcaag	gctgacgggtg	atgacattac	tgcggccatc	atgacctaca	cccccgctgg	360
tgagtcttct	ggtgctctcg	ttgttgccctc	caacctcgga	tgtgcggcca	gcgatttccc	420
cgccgagtc	actggcaagg	ttgttcttgt	taagcganga	gaagtgtgct	ttctctgcca	480
agtcaccaca	cggnaaaggc	tgctggcgct	ctgcgcgtca	tcgtctacaa	caacgttctc	540
ggcgaaactca	acgggtacct	cggggagcct	ttcgngaat	ttcgctccca	atgggggcat	600
cagcctcgag	gatgggtgaag	ntatccttgc	ca			632

<210> 796

<211> 470

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(470)

<223> n = A,T,C or G

<400> 796

nacaaggagc	gtatccccga	cggctggcag	ggacttgact	gcggcgagga	gtctgtcaag	60
ctctacaagg	aggccatcgc	cgaggccaaq	actatcctct	ggaaccggtc	cccgccngtg	120
ttttcgagtt	cgagaagttc	gccaaagcgc	acaaaaaggc	cnaccctcga	cgcgctcggt	180
ggacgcttgt	ncagaaggac	cggcaaagat	tgntatcatt	cgggtgggtg	gtgacaccgg	240
casccgngcc	aagaantncc	gtgtttgagg	acaagaataa	gccangtctt	ttanccggcg	300
tggtgccagc	ttggacttct	ntaaggtaaa	gancttcccc	gcgttactgc	ttttgtcaag	360
ttgggcaagc	caaggtttgt	ctgnagcaaa	ccagaaaaaa	aggtaattga	ataccaaaat	420
atccattana	ngogtaaaac	cgnaaacaaa	aaccacacnc	tgtncaaaagg		470

<210> 797

<211> 452

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(452)

<223> n = A,T,C or G

<400> 797

aaanacacga	cacatcatca	nccgcgacac	catctctctg	atgaaggagg	acgctatggt	60
ggtcaacacc	tcgcggggcg	gtctgctcga	caccgaagct	gttattcatg	cncttaagac	120
gaaccatatt	ggtggtcttg	ccctcgatgt	ntatgaggca	gaaggaganc	tcttctataa	180
ngatcattcg	tccaccatca	tccaagacna	taagcttatg	cgtctcatga	ccttccccaa	240
tgtggtagt	tgtggccacc	aggccttctt	cactgaggag	gccctactg	anattgccga	300
gtgtntctct	atcaatctcg	aggaatggat	agagagcaag	acgagcaaga	actctctgac	360
caaggatcct	aagctgcgac	gtcgtgactc	actgcccgtc	cgcgccattt	aaatgtggnc	420
ttgttntctt	caattgctat	tgtttgcctt	gc			452

<210> 798

<211> 566

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(566)

<223> n = A,T,C or G

<400> 798

acctcccaac	atcggtgttt	tttcacttta	acataaaaaa	caacctttta	acattaaaaa	60
ccccaatntt	atctatttgt	ttggacaatg	gacaatggga	cacctagggg	ggaggtcgta	120
gtacccccct	atgttttctc	ccctaaataa	ccccaaaaat	ctaagaaaaa	aagacctcaa	180
aaagggtctt	aattaacatc	tcaaatttcg	catttattec	aatttccttt	ttgcgtgtga	240
tgcgctgcgt	ccattaaaaa	tcttagagct	ttgcaaccga	aagttaatag	ctgtcgctac	300
tactttcgct	tacgctctaa	gtatatatta	aggactgtca	cacgcaaaaa	gttttctcgg	360
cataaaagta	ccctacatc	tctaaatcgt	ctgnacgctg	nttctcacgc	ttctatcga	420
ccctctggac	attatcctgg	gacaacatcc	ataaactgtc	ccacacgctc	gaatttgga	480
tcattaaaga	atttctcttt	aagcctatta	aacctttctt	caaaccacag	ggaaattcgg	540
cctgcgcgca	cgatataaag	gtcact				566

<210> 799

<211> 307

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(307)

<223> n = A,T,C or G

<400> 799

ccccacccct	catccacata	tttcaatttta	cgaggccatc	atgtcgtctc	ctttctnnat	60
aaacggnggt	gctgtgtctg	ccatgggtcgg	caaggactgt	gtcgccatcg	catgcgatct	120
ttgccttggt	cttcaggccc	ttaccgtttc	caacgacttt	ccccagatct	tccagtaacg	180
ttacgtcttc	ctcgggtctga	ctggcctgct	accgatgtga	acacggggag	cgacctnttc	240
cgctacaagg	ttaacatgta	ccgctgtcgt	gaggagcgcg	atategcacc	tcgtacattt	300
gcaacct						307

<210> 800

<211> 621

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 800

cgaagatggt	gccaaaggttc	ttgacgagca	gatcaaggcc	aacggcggtc	ttgctagcca	60
gcaggatctc	ttcaagcagg	ctcgcccta	catctccgac	atggctcgta	ttgatgtcaa	120
ctaccgctat	gttaaccgta	tttctggacg	aattgctcct	tacattacaa	gctttatgaa	180
ggatgctgag	gcttgccaga	aggttgccga	tgctgttcag	aagcactacg	tcgaggagga	240
tgagcgcaaa	tacgggtgttc	cggaaaagga	ggatgacggt	gaggttgaga	tcgtcaacgc	300
cgacttctct	ctcgccctacg	gtgggtatgct	tctcctgtcg	cataccaact	tcgcacttct	360
caagggccac	cgctacggtc	tttgccggcg	aaatgggtgct	ggaaagtcaa	ctcttatgcg	420
aagtatcgcg	aacgggcaagc	ttgagggtct	ccctcccccag	gatgtttctcc	gcacttggtta	480
tgtcnaacat	aacgagggcg	aggatgctgt	atcacattct	tgagttcggt	gcaaggaccc	540
cganaattgc	ccacaaggcc	ttgagcggtat	tttccgaggt	tttngccgan	ttcggtttcc	600
ttgtngcect	naggntcaac	a				621

<210> 801

<211> 861

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(861)

<223> n = A,T,C or G

<400> 801

ctgaactcta	caacattcaa	gctttttatca	taaggcagac	cttgaaagac	tcaataactt	60
tcaatectcc	tctctctccc	aacctttctc	cttcttcgac	acatctccgc	aacatcatct	120
tggtcttaagc	ctgcacccaa	gcgagacgaa	tccatccatc	cgccctaaacc	caggctcgccg	180
ttcgccgttc	gcctcccacc	tccccacctt	acacaacaac	ggcagactct	tcgcccatac	240
tgaagggtcac	tttcaaagat	ctcaagcagc	aaaagtctac	gctcgatgtc	gagccctcag	300
agttgatctc	tgccgtcaag	cagaagattt	ccgccgagaa	gggatgggaa	cctcagctgc	360
agaagcttat	ctactctggc	aaaattctca	aggacgatga	gactgtcgga	tctacaata	420
tcgaggagaa	gggctttgtg	gtctgcatgg	tgaacaagcc	caagcccaag	cctgccgaat	480
caagcgtgct	tctcctgtct	acaccgcgcg	ctcctcctac	ccgcactccc	gctgccccagc	540
tgtccccgcg	cagtcttcat	ctcagcaggc	tgccgttccc	gcaacaccca	ccccctcagcg	600
ctctgctgat	acccggacctg	aagagccttc	gggctgtggct	atgggatctc	agcgtaccga	660
ggcgattgcg	aatatggagg	ctatgggttt	tgagaggagt	caaatcgagg	cggttatgcg	720
cgctgccttt	aaaaccccga	cggctgaaa	aatacctgnt	taatggnatt	ccgacaacat	780
cognnaagaa	cagcaacaac	gcgaggccgn	ccngggagnt	cctgcttttt	aaccatttaa	840
accggtggcc	gcccgttctta	a				861

<210> 802

<211> 583

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(583)

<223> n = A,T,C or G

<400> 802

attcttttcgc	atcaaaacttc	aacttttttt	ctttgggttt	ggaaataaaa	cagtttttct	60
ctttccttca	tagcgattcg	ctccttcttc	tctctttctt	atagaatggc	ttcctccaac	120
aaggtgtttt	ccctcgaggy	aaaggtcttc	aagctcgaca	ctgctgagga	tatcgaggct	180

cacattgccc	ctcttcgata	tcaagatgtc	gaggagggttc	gcatttttggg	caacacccta	240
ggtgtttggcg	cctgtcagcg	cctgggtgag	gttctcgcga	caaagaagaa	cattcgtatc	300
gccaaactttg	ccgacatctt	caccggccga	cttctgagcg	aaatccccga	cgctatctcc	360
tccctcctga	cctccgtctc	aacctcccta	agctcaaac	tgtcaacctc	aacgacaacg	420
cattcggctt	aaacgtcaag	cgcctctcgt	ggcattcctt	tccgacacgt	tcctcttcag	480
cacctgtacc	tgaacaacaa	cggcatgggt	cctcatgctg	gtattcttat	cgccgatgcc	540
ctgtccgagc	ttcacggcaa	gaangaaggc	cgcccgaag	gaa		583

<210> 803

<211> 500

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(500)

<223> n = A,T,C or G

<400> 803

caacccttcg	actaaccat	ccagcaacaa	tggccgctga	tactcccgcg	aagtcgggtc	50
tggccgttgg	cctcaacaag	ggccacaaaa	ccaccccccg	tggtgtcaag	ccccgtgttt	120
cccgaaccaa	gggccacctg	agcaagcgaa	ctgctttcgt	tcgcgaggtt	gtcaaggagg	180
ttgccggcct	tgctccctac	gagcgccgag	tcacgcagtt	gctccgcaac	tcgaaggaca	240
agcgtgcccc	taagctcgcc	agaagagagc	ttggtacctt	cggccgtgcc	aaggccaagg	300
tcgacgagct	ccagcgtgtc	atcgctgagt	ctcgccgtgc	tggtcattaa	atcgcttaat	360
ctgatttctg	ggaatctggc	accaaattggg	tttcgcatgg	attggcgtgg	tcacgggtatg	420
atcaattaaa	aaataacggc	tttgatgctc	cgtggcgagg	aaagctgcgg	ctnaccggaa	480
taccaacact	ttcaagcaaa					500

<210> 804

<211> 663

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(663)

<223> n = A,T,C or G

<400> 804

cgcgttgcca	ccacaacgac	ttttcgacga	ttcatctcac	aaattcgaaa	tcattggccga	50
ccacgcagaa	gcagaacaag	ttgagatggc	gccggctcgt	gagcaagaga	accaggagat	120
ccacgtagcg	acaaacaata	acgaagtctt	ggcgccctact	ggaaagaagg	tcgtcaagaa	180
gatttatccg	aagaagaagc	ggcctgcgcg	agcccaagtc	gaccccgatt	tccttcacaac	240
agaaccccc	ccccaaaccg	gtacgatctt	caacatctgg	tacaacaagt	ggctctggcgg	300
cgatagagaa	gacaagtatc	tatccaagac	caaggccaag	agtcgctgca	atgtctcgaa	360
agacagtgg	tataccaaag	ccgacgcgat	accggggagc	ttttctctgt	tcggtttttgc	420
gcgtggaatt	tgcccccaagg	gtcaagactg	cgactatctt	catcgacttc	ccggaacata	480
cgaaacatttc	aaccttaacg	tcgattgctt	cggaaqcqac	aaattctctg	actacgcaga	540
cgaaatgggg	tgccgtggga	aggttcctga	aggcacaacc	gaacagllia	cgttgggggag	600
aattcaogtc	ctgntgatat	tgaagagatc	gnnggcgcga	catttencaa	aatgggggtct	660
ggt						663

<210> 805

<211> 622

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 805

aaaaaccgac	aaacacntat	tacgtgtcgn	cgagcttaaa	aaccgaaaca	atatccataa	60
cattatctac	taccgcactc	agcatcttnt	ttctccaagt	caagcttatc	aacaaccatg	120
tcgtcatcgg	caccnccacc	cacggtcgat	gcncccgacg	agcancagan	cgatacctcc	180
aagttgnnaa	catttctggg	tatctngaag	aagttcatgg	gcgttttcgga	ccttgagca	240
gtcatattct	cactgccgnc	gcagttgtct	nagccccacc	cgaatntgga	atactggacc	300
tatatngatg	ctcccaatgc	cttcgttgcc	atgggcacct	cggacgaacc	ttttgatcgc	360
atgctcgagg	nggccgtttc	tggttgacca	aagacctgaa	gtacgccaaa	ggaaggccat	420
gcaaacctta	caactcatgc	cttgngaat	tntttnggtg	caattggnaa	actgaanaca	480
acccccana	gatcgacaca	tccaccttaa	acaaaaaaaa	ngcatcacccg	agggcggact	540
ttnagccttg	aaggcttctt	nttagaacac	aaaaacaatt	caaacctttc	gtttttgngc	600
ctaacatggc	nectacaacgg	an				622

<210> 806

<211> 481

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(481)

<223> n = A,T,C or G

<400> 806

aggaccactg	cgacttcaag	aagctccgct	ccattctgat	ccgaaacaca	catgctcgac	60
cttatccaca	ccaccgagga	nttgcatlac	gangcctacc	gcgcccagca	gatggagacc	120
gcaagttcgg	cgaggccgct	cccgcgaagt	cgacaacccc	aagttcaagg	aggagganga	180
ggcctccgaa	agcgattcac	cgagcaggtc	nagatcnaag	agcagcgctt	ccgacaatgg	240
gagcagaanc	tcattttccga	ncgcgaccgt	ctcnacaagg	atctcgagca	aacccacgct	300
cagatctagc	anctcgagca	ggactggaca	natcanggca	gtgctgtcgc	agtcattggac	360
ggcgctaagc	gacatcnagt	agacgtaatg	cntgcatgca	tggtctgcagt	tggacagtcc	420
ttcnatttct	tttactggan	ctcanttttg	gggttggagt	ggaaaaatga	aangtcgaga	480
a						481

<210> 807

<211> 644

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

<400> 807

ctcacttoga	acaacgtcga	gattaaacca	tacgacgcta	tctttgaqqa	ttctcaadca	60
ctcactgncg	ctgttgccgc	aaagacnaag	gctgatgata	angcccccaa	gggaaacttc	120
ctgatctcta	acaaaaggctc	atggggcactt	aagcgagctc	ttggaggtga	ctcttcggtt	180
gatgagatca	gaagtccttat	tggtgatgca	aaggccatca	agaccgaggo	cgaactcaag	240
ggtatgaggg	aactggcacgt	gcgggacggt	gcttcgctca	ttcaatatatt	tgtttggctc	300
gaggatcagc	tggtgaacaa	gaagggtaca	cttgatgaag	tcaagcttnc	cgacaagctt	360
qaggagcttc	gcaaaagnaaa	gaaggactll	gttggtctat	cggteccgac	tatttctcta	420
ctgggtgcaaa	cgttgggato	attcantacc	ggcccagagc	tggnaaatgt	gccataattg	480
acccgaagcc	atctaccttt	gcgaatctgg	gctcaatacc	gngacgggac	ccagacacca	540
ctcgnacact	ggacttttga	acgccaccgg	ttcttgaaag	ggaagcgtnc	cttttgggtt	600
tgaangggca	catttttttt	aaaccaagcc	tcttttctta	aggn		644

<210> 808
 <211> 476
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(476)
 <223> n = A,T,C or G

<400> 808								
cgccccacaac	gtcaattgaa	agccgaagcc	ttgcaataat	ggccgccttc	cgatctcaga			60
gtgcggctcg	tatgctgcga	anccgcgctg	ttcctcgagt	cgccctctcc	gcccgtcccc			120
gacnattcca	gagcaacatc	acctcgccca	ntggtagcat	cactggctccc	gtttccaacg			180
agcccgacta	caacatccan	gttgataagg	ctacctccac	ctataccccc	gtccctcgat			240
cgatccaaga	tggtagcgaa	gagatccttc	ccgcagccat	ratctcaggc	gtcccatgg			300
agctccaggc	ccgaacagtt	cgcatctacc	aggaagccaa	gcccgcctacg	cactccgggtg			360
actggcgcg	tcgacctggc	gaatggactg	ggatattctc	cccagggaca	ccgatgggag			420
aacctctgat	nggctggcaa	tcttcagtga	ttcatgcagg	gaaatctctc	aacttc			476

<210> 809
 <211> 271
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 809								
naactcacant	ccaatccata	ttnaagtcga	cagaatggga	aaatcttnan	aagataagcg			60
cgacgcttac	taccgtttcg	ccaaagaaca	nngatggcgt	gcgcgaagtg	catttaagct			120
gctacagctc	gacgaggaat	tcgatctctt	cgccgatgtc	actcgagtcg	ncgacctntg			180
cgccgctccc	ggaagttggg	cgcaagtact	ttcccggtga	ctaattaagg	gagagaagtt			240
tggcggggnt	gcttgncagg	ataaggaagc	c					271

<210> 810
 <211> 647
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

<400> 810								
ctacagcaag	ttccactcag	tcctatttcc	tgtgaaaaat	ttcttcgctg	qctcaaaaag			60
ctcgggtcgg	ggglangtga	tttcattttac	ccaggatcga	cttgcgcgagc	aactggcaag			120
attcgagacg	gtggatgaaa	aggatatcat	gactgcagan	cccttcctatg	ccaagtttat			180
aactagcagc	caanaacaac	cagagagatt	tacacgtcga	catgtcacca	tgggttgctg			240
tgtataatag	gtggctgggt	ctgatacaac	aggcataacc	ctttctgcaa	tcctttacta			300
cctcctnaaa	acgccagaca	gcttgccggaa	attaagggaa	tagattgacg	cattcacacg			360
tgaaggaagg	ttatctgaac	atccancatt	ccatggaaact	cagcagatgc	cttaccctcca			420
ggcgatcact	aaagaaggat	tgcgtcttca	cccggcagta	ggactcccc	tggaaagtga			480
ggttcctgca	ggcggagcga	aaattaacgg	acactacttn	cctgcccgtga	caattgcccga			540
ataaacgctt	gggttccaca	canggatgaa	gagcgtnttt	ggnccanag	tcgacgtatt			600
caaccanana	cgatgggttc	ttgaaaaana	aaatgtcaca	attatna				647

<210> 811
 <211> 627
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 811
 gcctaactgg aagagacgag ctcaactatt ggctgcctac accagagact atcagttggt 60
 ttatgatagc aggcctcttg taagagcatt accggaccaaa acttntttac cgtcgaatct 120
 ttgtcattta aatcctcaca atggcctccc aactgctacc cctcgagctt atcgacaagt 180
 gtgttggctc gagaatttgg gtcacatga agggcgataa ggaattcagt ggaacactcg 240
 tgggatttga tgactaacgt caacatgggt ctggaggagc tgactgagtt tgattactcg 300
 ggaaaccaca ccaagctacc caagattcta ctcaacggta acaacatttg catgttgatc 360
 cccggtgggt agggcccana aggggctgct tcaggttgag aaggaaaagc caaagaaaca 420
 ccgcaagcca attcaatcaa tcaagactca tgacgagcat tcccccaac acggaatcaa 480
 aacttcgcgc ccttatctta atattgngg tgggacattt gcatcaaaaa gaattagggg 540
 cgcagtngc ngctcaaaaa agtcctaagc attgagctca tcccanttac atntggcaaa 600
 aataaatata gtattctacn nccccca 627

<210> 812
 <211> 288
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

<400> 812
 tggttggaag ggtatcaaag gttttgtgaa ccaagcgctg gtccccgagc aaatggcggt 60
 gcccaaacca agtgggtgaag gtgatgagtt ggtgctcgtc tgcggacctc cgctaattgt 120
 taaagctgcc gaggaacat ttataggttt aggccttaag tcggacgatt tgggtatttt 180
 ctgattgaat aagcgtaaat agggaaaagg tattaaaagc atagaaatat aatgctttgc 240
 atnaaggcgt tgcattgtgt aatagaataa atgattttga gttccttc 288

<210> 813
 <211> 577
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 813
 ctctcgaagc cgtccgaggt tggctagctg ccaacctaaa tacttcaaca cgaagtcort 60
 cagatcatct ctctctctcg ctctctctct tctctcttga ccccgcgag ccagctctgc 120
 agctcttggg aacgttccat tcacgcgttc cggctctatt ggcacgtggg tctcgaagct 180
 tctctctacc gctggaggca aggaagaact ttacacgttg aaaaaagtha ctctctcagt 240
 ctctgggtatt attacgggaa acccaacagt tgacaactat ggtgttatgg agattaagaa 300
 ctggacgaca ggogaagtgg ctcatgttga atttaagcca cgtggctgga angcatctag 360
 cgcataatcaa gtatctggaa angtcactga tgcctccggc aaagtgcgcg tcagctctcg 420
 tggctcgttg aactccaagc tgcacgctcg cctaaccagg ggttacgaag cagcaatcga 480
 tgaatcaaaq cagaatgggt ccgatatggc acacagcggt ctctcgaan ccaaccgggc 540

gtatctcattc tggaaagnaa acnaacgggc aactgga

577

<210> 814
<211> 666
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

<400> 814
gtcttggttca tggcctatga aaacatgcca atgcttcaac ttcaactctt aaaccactta 60
tctctggcaa ttggaaaagcc gggggagggr aganaacaaa natactgaag catgaggcgc 120
atagactcca tgaatgtacat acatcgatgt ctggtaactaa cactgttltgt ctacaatggc 180
cactccatc aagtcocatcc gagctcttgc tccctcccll gaccgtgtcc tcttccagcg 240
tgtcaaggct ganaactaana ccgccagcgg catnttcttg cccgagtcca gcgtcgagaa 300
gctcaacgag gccaaaggctc ttggtgttgg ccccggtgcc ctcgacaaaa agggtaaccg 360
tctacccatg ggtgttaccg ttggtgaccg tgtcctgatc cccaattcg gnggctctcc 420
cgtcaaggcc ggcgaggagg agttccanct nttccgcgac agngagatcc tggccaagat 480
caacgaataa gataccnta tatcaaacca aacaataacc agcctgtatc atactgtcca 540
tatcacaagc gggggcgtga gaataaaaact ctactgantt gcttganaag ggaaaaanac 600
ggagttatct gtnatgtang cncaaaaaaac cacagaccat tntgcaagag atntcttcat 660
tttaat 666

<210> 815
<211> 536
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 815
agtgaagtca cgcgtcttca aaaagggtgat cgcgtctgcg tgcaacctat catctacgac 60
aatgagtgcc gctcgtgcaa gcgcggcctt cagaactgct gtgataaaaa cggtttctac 120
gggttgagtg gctggggagg tgggttggcc gaatcaactg ttgtgccgca ggatgctgtc 180
aagaagctgc ccgacaatgt gtccctagaa gtccggcctt tagtcgaacc gcttgcgtgt 240
ggaatggcag caatcaagat ctaccctac gaggaaggca actcggcttt tgttgttgg 300
ggcggaccaa ttggactggc tgttgtgcag gctctcatag gacgtggatg caagaacalc 360
atgctgagcg aggtcagctc caagagacgc gagtttgcca agaagtttgg tgcgcacac 420
gtgttcgatc ctacaaanga cgatgtcgtg gcgaatgttg aaaaaatttg acaggagggc 480
tgggaacaga tgtttggttt ttgacgctgc angctcgcaa caagctattt gatgta 536

<210> 816
<211> 511
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(511)
<223> n = A,T,C or G

<400> 816
cccagcttgt ccgcgcggga aaacqtcattg gacctggcct cattatcttc gctatcatc 60
ccataacggc attcatcttg gggacatggc aagccaacg cctaggctgg aagtcagagc 120

tccttgccaa	atttgaagac	cgttattatcc	gagaccctct	acctctacca	cccaccatcg	180
accctgatgc	cattcacgac	ttcgattacc	gccgcgtgct	agcaacaggt	catttcagac	240
atgaccagga	gatgcttacc	gggcctcgca	tgcgttgatg	gcacagacgg	atacatgggt	300
gtttacgccc	ttggagcgag	anaatggcac	aacaattcta	ttcaacagaa	gttggattcg	360
aaccagaaac	cccganacca	gaagacgaaa	acccgattga	ttgccactgg	tgaattcnc	420
atcnaagga	ctcctgaaaa	aacccatgaa	aaaaaaatat	nttttcnccc	cgaaaaccan	480
ccnaaaagg	catnttttat	ttcccgaatn	tttaaccnaa	aggctncntt	gaaccggccc	540
c						541

<210> 817
 <211> 1053
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1053)
 <223> n = A,T,C or G

<400> 817						
acaatntttt	ttattttgnc	tccatagcca	atcgctaaaa	aaaaatgcct	tcaaacaatg	60
ctgcatggct	cgttgccgca	aagaentcac	cattcgaggt	gaaggaagct	cccctctctg	120
aagtcgctca	aggccacatc	ctagtcaaga	actcagccgt	ggccatcaac	cccgctcgaca	180
ttgcnaaoca	gcatgtttgt	atttttatatt	ccgagtctca	ataccctgtc	atcctcggan	240
aanatgtcgc	tggtactgta	gaggcagtcg	gctctgatgt	caccaatttc	cagccgggtg	300
acagagtott	aggetacgcc	acttcgctcg	ccagcaagga	caatgcgaac	agcgttttcc	360
aggagtatac	atctattoga	gccgattgcg	cctccaagat	tcccgaacggc	ctttcttttg	420
aacaggctgc	tggtctgccc	ctctctctcg	ctacagctgc	atgggctttg	ttcgggcgatg	480
ccacgctcaa	tgatgaaattc	cccagtctca	accccagacc	tactgggtgaa	acagtctctca	540
tctggggcgg	tgccgccagt	gtcgggtggaa	ctgcaattca	actggctaaa	gcagctggct	600
acgaaagtca	tcaccactgc	atcaaccaag	aaccacgaat	acgtcaagag	cctcggcgct	660
gaccacgtct	ttgattacaa	gtccccacat	gtgaccaagg	acatctgctc	actgctcatg	720
agcaagaagc	tgcgaggagc	attggaggcc	agcggtaacg	aagaagccat	gaatagcgcc	780
agccaatcca	ttgctcacgg	cgatggttttg	cgcaagggtta	tttgtgtccg	cggtctctcaa	840
tgcgagctgc	cagaagttaa	ggctcagccg	atcatgtcaa	caagtattat	tggtacacca	900
gttgcaaagg	ctgttttttg	agattacata	cctgatgctc	tggaacaggg	caagttcagg	960
gcggttccgg	aagcggaagt	cgttggaaaa	agntttggag	tctgttcaag	ttgggtatta	1020
atacttttgg	ccaaaangggg	tttcaacaaa	gaa			1053

<210> 818
 <211> 660
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(660)
 <223> n = A,T,C or G

<400> 818						
caatatcata	aattcaagat	gaaggttcag	gategtaacgt	tcatatgtctc	tggcggtgca	60
tccgggcttg	gtcaggcttg	tgtagaggat	atatgcgccca	acggcggttaa	tgtggccatc	120
ttggacatga	acgaagaatc	cggccaagaa	ctagtcaaga	aactctccac	ctcaacccaag	180
ttttttcagat	gcaatgtttt	ggaganggag	agtgttacc	aggcagtcac	agatgtggcc	240
aaqtyggcaa	aggagacggg	caagcctttg	ggaggcgtga	tacgagcagc	tgggtgttct	300
acaccggcaa	cgattcttga	ccggaatggc	gctgccttta	gottggatga	ttttgatttt	360
gttctcaatg	tcaacctccg	cggtaaccatc	gacctcgtcc	gccagactct	agagcatctc	420
gccaaagtag	aacctcaagg	actcgacggc	gaaagaagcg	ttgtaatcat	ggtagcatca	480
tccgcagcat	ttgatgttca	aaagggccaa	gtttcttact	ctgccantaa	gggcggtgtg	540
acggccatga	ctttcccatg	gcaaganacc	tgcgcgattt	ggaattcgag	ttngngacaa	600

ttgcttccaa gtctttttta naacccaatg anaaaccgtt ttccccaaaa angncaaaat 660

<210> 819
<211> 547
<212> DNA
<213> Fusarium venenatum

<320>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

<400> 819
cggttcacaa agccccccaa actcaattca aaatggcaca aaacgatcaa ctgcccagagt 60
ttcagcaatc ttacacaaat gatctccctc acgattcana caagactntt gaggctcana 120
caacagctgc tcacccaagt gctcaccctc atntctaccc caatcctcaa cacatccatc 180
ccgcattcgg nggtgctatg caaccaggtn ttgggaagcc tgtagaggcn caccgnaagt 240
tcgccaaacc tgcctctctt ggactatgag ctttcgctct caccactttt gtcctgtcat 300
gcataacat gcacactcgn ggagaaacgt ctcccgctat tgctattccc gtggcttttg 360
cttatggagg tcttgccagc ttttggtcgg aatgngggaa atggccgttg gaaacacttt 420
tggtgctacc gccctgtcat nttacggagg tttctggatc tctacgggc tnttgctgac 480
tccnccctgg aacgtcttgg nggtgatgga ccttaatgan gggngacaca cgcttggtca 540
tggtttt 547

<210> 820
<211> 590
<212> DNA
<213> Fusarium venenatum

<400> 820
aacatagctt ccgaaacgaa tgcttaatat ctccaataga aagcctgtca tttacagatg 60
aaotgcttgt ttccaatgcc cgtcacgtga tatgatttcc atgctgaact ctgtcaggta 120
gcttccatca ccaaagcacc aactttacac tcaccaatcc cccaattaat cgcacactaa 180
ataacacagt caaaatggcc gatgttgaat tggacgtcga tgtcgaggcg ggctctcccc 240
ctccccccgc gcgcaacgaa tccgacatgc aaacacacac taaagccacg gccgtccgct 300
ccatcgaagg ctggatcatc attgtaacaa atgtccacga agaagccgac gaggaggctc 360
tgcaagatct ctttgagaga tacggagaga tcaagaacat gcacctgaac ctgcaccgaa 420
gaagcgggta tgtcaaggga tatgccctta tcgagtatac aacgctggag gaagcccag 480
ctgccataga cggggcgacg aacacaaact tctcgaccag accatctcgg tggactttgc 540
ttctgtgcga actcctcccg gcaagcctgg tcgtggaaga agcgttggtg 590

<210> 821
<211> 494
<212> DNA
<213> Fusarium venenatum

<400> 821
aacgcattca ctctctccat ccaaaacgca ccgagctcca tactcgccgt cattgaccaa 60
tctccctcc cttaagtcaa tctctcatca atcaattcaa aatgtcggag gacggtcagg 120
agcttgctaa caagcccttc aagtttgcct ctgctgylac tgatgctcgt ttccccaaca 180
tgaacagac caagpactgc tggcaaaact acgtcgatta ccacaagtgc attatcgcaa 240
aggcgaggga ctttgccgcb tgcgcacagt tctggctgtc ttaccgatcc ctctgcccct 300
ccggttgcta ccagcgttgg gatgagcagc gcgaggccgg caacttccct gtcagctcgt 360
acgctaagc tcaacttgta gatatggaat agtggatgat gttagaagat tcagagcaga 420
cacactgcaa ttctatcatt tglgaaaatg ctllaaaaagc taaccccaaa cattgactgt 480
tgtgnttga aaaa 494

<210> 822
<211> 586
<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 822

ggagattgcc	caggatcaca	acaaggaggg	cgctgagggc	gttcagggtca	ttgatgccc	60
acctcaaaat	cgcttcaactg	gcgaggctcc	cgagccccgc	gaaggctctct	catctgggtca	120
catgcctgga	tctatcaaca	ttcccttcag	ttctgtgctg	gatcccaaga	ctaaggcttt	180
ccttcctagg	gatgaactca	agaaactttt	tgctgagaag	ggtgtcgatt	cgcaacatcc	240
tattgtctca	agctgcggta	ctgggtgtgac	agcttgtgtt	atcgacactg	ctcttgagga	300
ggccggagtt	ggatcacccg	aattcaggaa	ggtctacgat	ggtagctgga	cccagtgagg	360
cccaacgggt	gcaaccttca	naaaacctga	ttatcaaaac	aqcaaaaagag	taatacgacc	420
tggtagttaa	tctgtaaaaa	gtongnatac	ctggtagttg	agctgcgata	cctcattaat	480
gatggcctgg	agntgctagg	cgccgtacga	agaacatgca	tccccatncc	tctatnggtt	540
caaggcactc	tgctngcaaa	cgactttngt	tttttgcgat	gggaag		586

<210> 823

<211> 225

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(225)

<223> n = A,T,C or G

<400> 823

ncacctgtcc	cgtggacagn	netgatatca	natcccttgn	gtntgagata	acaagggggc	60
tgaccttaan	atttttcagg	gccganccgt	nttngctgg	gtgcgtgaca	atntaaacta	120
cagnttntac	tataatacga	agtaccgcgc	aatgggnnca	ctcaaaaaca	ggacacgtta	180
ctgtgtggac	cacacacacc	ttcttgnntg	ncttggnnaag	gctgc		225

<210> 824

<211> 620

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 824

cggccttgge	aagatccccg	cctttgttgg	cgaggacggc	ttcgccctct	ccgagtgcac	60
cgccattgcc	atctacatca	cctcccagaa	cgagaagacc	actcttctcg	gtaagaccaa	120
gcaggactat	gcctccatlc	tgaagtggat	gtccttcttc	aactctgagg	tccttcccaa	180
cctcatttct	tggttcagcc	ccttcaaggg	cgagtctcct	tacaacaaga	agaacgtcga	240
cagtgccatc	aaggctaccg	agaagaactt	cgccgttgtc	gaggcgtacc	tcctccacaa	300
caacttccct	gtcagcgagc	gtatcactct	tgcgatctc	ttcgtgtgtg	ccatcgccac	360
ccgtggcttc	agtaacttct	tgataagcaa	tggcgctccg	agcaccctgc	cgtcacccga	420
tgggtcgaga	ctgtcgcaqc	cagcccattt	tctctgaggt	tgctgagaag	gttgacctnc	480
tcgacacagt	tactctgacc	aaccttccaa	gaaggccgac	cagcctaaga	aggaggccaa	540
gaaggagget	aagaaggaag	ccaagaagga	ggccgctncc	gctgcgcnth	ccgtgctgtc	600
tnccganget	gacgaggcct					620

<210> 825

<211> 650

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(650)
<223> n = A,T,C or G

<400> 825
ttttttttttc aagannccnc aatcaataca tatcattgat tattttctac atagacgcac 60
atcatatgag tcaaacatga tttttcaaat catctcttta cgccgagcca acaatctcag 120
taccagcagt ccgcccgtac acgacacatt ccagcagcga agatcctccc aggcgattat 180
caccatgaat accaccagta atctcaccag cagcgaataa accaggaata ggcacaagct 240
tatcgccgct cttcttcaac acacgagcct tctcatcgat agcaactcct cccatgggtga 300
agtgtgtaat gggcgtaact ctgcgcagct aaatatcttg ggtctgattt ttctctccgg 360
gtggaagtgt ccacettcca cgttggtgac gaacaaaactc atccgctgac ccggcagcga 420
cagtttgggc atacttatcc acagcaacga tttgagcgtt ggttagatcg cgcattttga 480
cctttttgag gagaccttcc cattogtaga aactgatgtg gttggccgac gcttcaaaaag 540
caccgggatac gagaagaatg gttatgtccc actgtttgat cataccgtcg ccatcagtgg 600
cagttggaag cttcataatg gcattgctaa cgtgttcgcg ggtattcttc 650

<210> 826
<211> 671
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G

<400> 826
cccaaattcg tccaactggt ttccatatatt gaacacngta aaaaaaaaaag cccatcgcaa 60
gttcaagctg catcggtcta tcgcatcatc acctacacat tgctggctgc gcaatagctt 120
gacactactt gagctaccct gaatcgcatt actagactac atcaacacca ccaatctcta 180
ttttctaaaa ccateectca gaacaccgtc aaaaatgccta aggcctgctgc ctaccggaaa 240
gcgtgctacc agaaccacca agcgtgccaa gaaggacccc aacgccccca agcgtgggtct 300
ctcagcctac atgtttctcg ccaacgagca gcgtgagaac gtccgtgagg agaaccctgg 360
tatctctttc ggtcaggctg gcaagctcct cggtgagcga tgggaaggccc tcaacgagaa 420
gcagcgtgct ccttatgaag ccaaggctgc cgccgataag aagcgatacg aggatgagaa 480
gcaggcttac aacgcgcacc aggaggagaa gaagtcttcc tagaaagaag ttcccgatat 540
caaaccaagc gtccctgcag aagggtgaaat ctgattcgat antcccaaca ccantgccgn 600
tttgcaagtt ctggcaggaa gtccctcttt ttgatctcgt ctggcggnnt tttttgatgg 660
ncaagaaaaa t 671

<210> 827
<211> 706
<212> DNA
<213> Fusarium venenatum

<400> 827
aatttagcaa aggtcaacgg ccactgctgc tttctcaact tcttttcate actctctct 60
caacctcacc ttttttcccc ccaaagacgt ttattccaag cgcttcttcg cattctcttc 120
atatcagaca ctatggcga gcttatnctt ggaaagcgtg ctccaggacc cgtggctcct 180
agcctcaga acactccggc aaccggggt cctatctctt ctccagccca gcagcctggt 240
gtgcctagca ttaaggagga ggtctttgac cgtgctgcgc cggcctctgt tttcgcccaa 300
aaccccaagc ttatccagat gattcaaggt cgctctggct cctcgtggg ccaatcttcg 360
ggctacatcg agtcccttcc cgccctgtc cggcgacgtg tcgctggtct caagggtatc 420
cagaaggacc atttcaagct cgaggccgag ttccaggagg aggttcttca gcttgagaag 480
aagtacttcg ccaagttctc tcttttttac gagaagcgtt ccgcatcat caatggaaaag 540

tccgagccca	ctgaggacga	gatcaaggcc	ggcgaggagg	gcatgagcc	cgagactgag	600
gatgccccca	agtctgagac	aaagtcgat	gttcccgaca	atgtttccg	tatccccgag	660
ttctggcttt	ctgccatgaa	aaaccagatc	tctctcgccg	agatga		706

<210> 828
 <211> 584
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(584)
 <223> n = A,T,C or G

<400> 828						
tgggatctct	actacataac	ccccagtttg	ccaaacacaa	tgctatgcaa	gaaattcctg	60
agggggagag	ccattacccc	aacgggaacga	tgatgttgag	gatatcattc	gcaggaaggc	120
tctgggatga	gaagcgcgat	caagagcaaaa	agcaattcta	tgaaatcgcg	aggaacgagc	180
tggcgaactt	gacgagtaca	tggaacagtt	ccgcgcgcac	atcgtggagc	gcaacgggac	240
ttactatgct	gttccaggaa	ataaaggaaa	aggagaccat	tcaggatctt	agcatccagt	300
atcgaaagtt	tggcagagtgg	cttcgtatcg	agattggccg	cgtcatctat	catcttttcc	360
ttggcgaaag	acaactcccc	tgagcttttc	gcccaggcca	gacgcattca	ctctcttate	420
ccatactcag	tcatacaagaa	cttattanga	tcgcaaacca	gcngccgtta	tgtcaggcgt	480
tctcgatata	tttctggctc	accatttggt	acacgatcgt	tgatgcagaa	gatcttttnc	540
tgacactgaa	cgatggaatc	nagactccca	aaatcgatcg	atnt		584

<210> 829
 <211> 572
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(572)
 <223> n = A,T,C or G

<400> 829						
gcctgcagtg	gacaagtggg	ggattaaggg	tctgcagacg	ttaatgcata	actaccccca	60
ctaccacgcc	atggttgctg	gcatggaccc	ttcttcgttg	ggacttgaca	taagttctcc	120
agagttgttt	tctacacaaa	actactcgct	ttttgacgac	tcacctcccc	gggtaccact	180
tgctaattggc	aaatttctgat	tggcggactg	ttacaatgtg	acaaatgtgc	agccaatcga	240
gagcaaaaatt	gctagcttca	acgaagagac	tctatttttg	atctttttaca	gttgtagagc	300
gqatgtaaag	cagcaaatgg	ccgcggctga	gctacattcg	agaaaactgga	gatggcacag	360
aaaaatggaa	atctggctga	ccaaagatga	gcatatgact	cctcaaatac	tgagccccaa	420
ccacgancga	agtttctaca	tagtctggga	ccaaacaatt	ggcgaaaaga	tcgcaaggan	480
ttcacactgc	actatggcga	cctagatata	cattgaacca	ggcgcaagtc	ggaacatgaa	540
ngggtgtggt	gccctgcctg	ganacaattt	tc			572

<210> 830
 <211> 737
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 830						
ngcntttaac	cntnagatgc	ananaactggg	ctataccaaa	gcctctgggt	tgccacctgc	60

acatacccg	gtnggctctg	attcctgtca	atgtaanggc	ttcagtgaat	nggccgctgc	120
aagtatntgc	tcccttgtga	accctgaatn	gccactggca	gcacgcatnc	tgcccggaat	180
tgctactggt	gggtgtggag	gatttcacan	aatttactgc	gttcagtttg	atgtggt	237

<210> 831
 <211> 586
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 831						
caatattctc	acaagtaacg	gtatcgcggt	ctcataccca	tggacaaggc	catcgaggct	60
gtcggcgagg	agagagcccg	aaatgcgtgc	atgcatatgg	gacctgatgg	ccatatattg	120
acattccaag	tcaaccatgg	cgagaagttg	aacattgtcg	ccttccggac	agacccaaac	180
gagtgggaca	accccagcaa	gatgaccaag	actgctcatc	gccaagatgc	tcttgatgac	240
tttaagggct	ataacagcct	tgtgcgaaat	ctcctcgcac	ttacagagga	gacgctaagc	300
atthggggcca	tctttgacac	tggtgataat	cccgtcccta	cattctacaa	aggcaggatg	360
gccatcctcg	gtgacgctgc	ccacgcctca	agtcgccatc	atggcgctgg	agcanggttc	420
tgcatagaag	acagcgagct	catggcgagan	ctattggccg	atgaaaaagt	gcagaaccgc	480
tctgacctan	aagcggtggt	tgcagccttt	gacgcctcca	gaaaggagag	gacacaatgg	540
ctgggtgcaga	atanccgatt	cgttgganatt	gcttacgaat	tggcga		586

<210> 832
 <211> 560
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 832						
cctaccctta	ttgtccctcc	catccctgag	aagcacacca	tggctgatta	tgctgccaac	60
ccaaccaatg	cgaagcaaga	tcaacagatc	attgatttgc	gtaagcgcat	gttggccgtg	120
tttttgaacc	qttgtcgccg	gatggaagag	attcgaacag	atggagtctg	gtggcgattc	180
cttgaccoga	atgccagctg	gagcgagylc	ctccactctc	atcccgtggc	ctcaatcccc	240
aaatcaatct	tgaaggcgcc	tccactgaac	cctgcgaacc	caactcctgc	gcataattac	300
ttaccocatcc	cggctgcgtc	ggcaaagtgt	aagacagtgg	ccggtaccaa	tcattgacaac	360
agctcaggte	atatccaagc	aggaccccat	gcctttgggt	cgatttccac	ctgaaggaca	420
taatctcggc	gaacaggagc	tgcaccttac	ttcatatctt	acgaatcctc	gantaaggat	480
cttgacaact	tttgaccgga	ccatgggaaa	agggngatcg	acgaacctta	acctttttca	540
tantagcanc	catctttgna					560

<210> 833
 <211> 590
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 833						
tgcctctcta	aaagctctta	tgatgattcc	gaaaagagtt	ggaagaagtg	gtgccacaaa	60

agagccattg	agaagaagg	caaatggtat	cggacaatca	cagtcattct	agtactgcac	120
ttgattgttc	ttgtttcaga	gttcgcccac	gagccgtggt	ggtggacgag	ataccgtgac	180
tttgttttct	tcgccttcat	tgtggcctat	actatcaaca	tcgcgattcg	catcattggt	240
ctaggtctgg	tacgatttag	acgaagctca	tgggacctct	actctctttt	cattgtcttt	300
ggcgcttttg	tttcgacctt	tgccctcttg	atttcggata	ccgacctggg	aagcatacgt	360
tcagcttcac	aagggtttct	tagtagccat	tgtgctgttg	cttattcccc	ggaacgacgc	420
gctagatcaa	cttttcaaga	ctgcccgcag	cagtctgacg	gtaattggca	acttgcttgc	480
gacctggctg	ggtattcttt	cttgtttttg	ccattgcaat	gacccaagct	ttcagcttga	540
cacggttttg	gagangagac	agatggaaat	attnatttca	gaaccttcc		590

<210> 834
 <211> 589
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 834						
gccatttgca	ttttcttgtt	gcgcattcca	accatgactg	ccgtcgcaga	ctttttcgag	60
aaacgtaccg	cagcctctgc	aatgggggtct	tgtctggtgt	ggtgctctct	tcctgggctc	120
caagatccctg	agctatctcc	aacttgctct	cagcgctttc	gtgctcggag	gtaccaacct	180
acgcaagtac	ggaaagcctg	gcacttgggc	tgttatcacc	ggtgctctcg	atggcctcgg	240
caaagantat	gctctgcagc	tcgctgccaa	gggcttcaac	ctggctctcg	tttcccgaac	300
tctgtccaag	ctagaaggcc	tcgcccgcga	gattcaacag	aagtaccctg	gaaaagcctt	360
caagtcaagg	tcctcgacat	ggacttttcc	aagaacaacg	atgccgatta	cganccgctg	420
ancgaactta	tctacgggtct	tgattcggta	tcctcatcaa	caactcggcc	agaaccacag	480
cattcccggt	cctttctctg	anacgacaag	aagacttcaa	acatcatcac	tatcaactgc	540
actggcactc	tcgannttac	tcnanaccgt	gctcctatta	taaagcaca		589

<210> 835
 <211> 533
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(533)
 <223> n = A,T,C or G

<400> 835						
ccttggaatg	aanggcttgg	tggtccccc	cagcactcgt	tccttcaagc	tcaactgggc	60
ttttggagyt	ggcctggctg	accgacggga	tgatcgttgc	cctgagtaca	gcattttcgt	120
gggcgacctt	ggccctgaag	tcaacgagta	cgtcctggtt	tctctcttcc	aggctcgttt	180
cccttcgtgc	aagtctgcca	anatcatgac	cgatgctatg	agcggtcaga	gccgcggcta	240
cggtctcgtt	cgtctctccg	acnanaatga	ccagcagcgc	gctcttggtg	agatgcaggg	300
agtctactgt	ggtaaccgac	ccatgcnaat	ctctaccgct	ccccccaaga	accgtaccaa	360
ccacggtttc	ggtggctcag	gacaccanct	tggcagctct	atgalyccgg	catgcccagc	420
agcanatgtg	caacagtggt	ggcatgcnag	gtttccctta	cggaagcttn	tacctgcta	480
cccagatgaa	cngtctcact	gaaccccaca	aaccaccgac	tttgtcgggtg	ggt	533

<210> 836
 <211> 956
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature

<222> (1)...(956)

<223> n = A,T,C or G

<400> 836

ggaatttttt	tttttttttt	ttttaacatc	ctcaagcgta	ccgttgcac	tcaacaatta	60
caagggctag	acgtgttca	tccatatttg	tccgttgaac	ccaacccttc	tntgcaggag	120
aattactcta	cataacctgt	acgagtaaaa	aacaactacc	tattccgaga	gatctcctga	180
acctggaatt	tgaatttccg	aaactccctc	cttttacgca	gcaaattgct	ccagttttta	240
tccagagttc	cacaaccggc	acctgttaag	atgctgcagg	gtgtggggat	tagaaaccat	300
gagatatgtc	cggtagagac	gttaattttac	ggccattgtc	ttgtttgtcg	aagctcaagg	360
gtggatttaa	ggcttaacct	cccggatggc	tcctttggca	tcggccttga	tgctctcaac	420
gacaccgtgt	agcccttctt	cttctcggac	tcgtacttga	gaattcggga	gacttgaacg	480
acaccaacca	gtccgaggaa	gaagttgacg	gcagcaagga	ggtagtctct	gggcttgatg	540
atcaagcacc	agcgagtcca	gatgatacca	gtgcaggtaa	ggcgagggtt	ctgggtgaag	600
gagagcttct	cggcgggacg	agcgaaatcg	gagataccgg	caaggacaaq	agccacttct	660
atgaraggag	cccagaagtg	cacagtcttg	aagccaatct	cgtctctata	catgcgcttg	720
uaccagccct	gctgctgctg	ttgggcggca	tcggtgctct	gccatcgacg	gccgctgccc	780
tggtagaagt	tctgtcggaa	ggctgctggg	cggaaagcct	ggcgagcagg	ctgagcaatg	840
gtggcctggc	ggaagagagg	gcgcgagggc	cggaaagagag	tgtttgcgga	cgaggccatg	900
gttgatcttt	tggtggagag	gagatgcttc	ttcggacggg	acgagttgta	taggta	956

<210> 837

<211> 626

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(626)

<223> n = A,T,C or G

<400> 837

ccgaacgtcc	cttgttgtct	acccatccaa	cgattctctt	acaaaaaatt	ccgttcgaaa	60
aaaataaggg	gtcctaatac	tcgttaacga	cacttctctc	accgaaccga	atccccaaat	120
atctccattg	tactctctct	gaactcaatc	cactctctct	cccacgggct	tgacttagct	180
tgttcctgct	cttatcaccg	cgacgacgcc	ctctcgatcg	ctgtaaccgg	ctacatttcc	240
acccatattc	aatcgacgac	aacgacatcc	cgacgcaata	cccagatctg	gggcccgtag	300
cagactccag	atccgacatt	atttccaatc	gctttcgaga	tcataagcaa	tctcgaagct	360
atataattga	ttcattatga	gcgcaaatcc	aagcaacggt	atccgcagga	agttgggtcat	420
tattgggtgat	gggtgcctg	gcaagaccag	tttgttgagc	gtatttacgc	taggggtactt	480
tectacacat	tatatctcta	cagtgggtga	gaactacgtg	acggattgca	aagtggaccg	540
caaggctgtc	cagctcgctc	ttttgggata	ctgcgggaca	nggaagacta	ccagcggatt	600
acgacccctt	gcatatttna	aaggnc				626

<210> 838

<211> 615

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(615)

<223> n = A,T,C or G

<400> 838

gogaggcgct	attctagcca	gggtcgctg	aacacatcct	caaccctttt	acaaaaccca	60
tttcccaagg	taacccagct	acctccgagt	ttatgtccat	cgaaaatctc	aagacctacg	120
accccttcgc	cgaagccgac	gaggacaccg	ganaaaccaa	gcagacgcag	aattacatcc	180
atatacgcat	tcagcagcgt	aatggacgta	agactttgac	cactgttcag	ggctcccca	240
agaagtttga	ccanaagaag	attcttaagg	tcataagaa	naaatttgcc	tgcaatggca	300

ccatcggttaa	cgactccgag	atgggagagg	tgatccagcg	cttnttgcac	caccaactgc	360
ctggctcctc	tcgccaaggt	catcaacgac	aagttcggtg	tcgttgaggg	tctcatgacc	420
accgtccact	cctacactgc	caccanaaan	accgtcgatg	gtccctcccc	aaagactggc	480
gaggtggccg	tggtgcttcc	caaaanatta	ttcccttcac	accggtgccc	caaggggtgc	540
ggnaaggtca	tncctgaact	taacggnaag	cttaccggnn	tgtttatgcg	tgctctaccg	600
ccaacntctt	cgttg					615

<210> 839
 <211> 558
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(558)
 <223> n = A,T,C or G

<400> 839		
ctggaaaggg	agtgggtggt cctgctgtag agcatgctct caaaggcggc tatcgtcaca 60	
tcgatactgc	ccttatcttg cgcaacgaag aagcgattgg caagggtatc aaagcctcaa 120	
gcgtatcacg	cgatgaaatc tgggtaaccg gtaaaactatg gaacacagat catcgctctg 180	
agttagtagc	caaggctatc gaaacctcca tcgcgaatct cgacgttgag tatctggacc 240	
tgtacctcat	ccactaccct gtggcttggt ttcctgagac acgagaagta gataacaata 300	
cttctcttat	cgacacatgg aaagctatgg aagatctcgt tcgcgctggt ctgacgcgtc 360	
atattggctt	ctccaacttt gctccaaagg actcaagaat attttcaaat tgctagcatc 420	
aacctacct	cacaattgaa ccatccttac tccagcaaca tccttggtga ttccagaaaa 480	
aactcaatga	tcgcacatgc ctccaaccca accgacttgg gatataccan ntctccacct 540	
tctgacaccc	cgagaaaa	558

<210> 840
 <211> 758
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(758)
 <223> n = A,T,C or G

<400> 840		
ggaggaacat	cactcctccc ctttcttgat aggtacttaa ccgcctcctc ttacatccga 60	
acaacacgac	ctttgtccca tcgccagttt ccttccgct ttttcttca acaaaacgta 120	
aactttcgtc	gctcatcaaa atggatcgca tcaaggagaa aatgaaccag cttegcctgg 180	
aggccgacga	ggccagctcc aagggtgagg agctccagac caagggtcaag gctctcgagc 240	
aggagaacct	gtccaaggag caagagatca cctccctgca gcataagaac aacctcctcg 300	
aggggtgagg	cgagaagctc gagaacaccg ttaaggactt caagaaggct gccgacgagg 360	
gacagcagca	cggaaccccag aacgagacct tccagcgaag gctgcagctc cttgaggagg 420	
aggccgagga	cgccgacaaag actcttcgtg aggccaaacga gaagcttcga cagaccgatg 480	
tcaaggctgg	acactttgag cgcaagggtc aaactcttga gagtgaggtt gaccagtggg 540	
agtcacagta	cgaagagatg tcgacgaagt acnaagctct tcagaaggag ttggaggagc 600	
tccagnccga	gattggcaac atctaattga actccgacct ttatacactt gccccggatg 660	
caggatgttt	attagcatgt cctccacctt cantatactc gttcacctgc atnatncttt 720	
gggttaaggg	atctttgant ntggccaaaa taaccaat	758

<210> 841
 <211> 513
 <212> DNA
 <213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(513)
 <223> n = A,T,C or G

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<400> 841
gattagaactt ctttgcgacc agaaacacca caagtcacctc tctcagacac cacataaattc      60
ccaatccatt cgcaatggct cctcaggcaa agaagtcggg caaggcccag aagcagacca      120
agaagtacat cattgatgct tctcagcctg ccagcgacaa gatcttcgat gtcgctgcct      180
tcgagaagtt cctccaggac cgcacaaagg tcgaggggcg caccaacaac cttggcgaca      240
acgtcgttgt caagcagcag ggtgaggggca agatcgagat cattgcccac aacgagcttt      300
ctggctgtta cctcaagtac ctgaccaaga aagttttttt taagcagcag ctccgtgact      360
ggcttcgcgt tgccttcaact ctcgcggggg tacgagctca agtcttnacg ttgtttaccac      420
gagntgacga gacgacagta acgaaacaaa tggatggntg cacggcnagg atgatngnga      480
atgggaaacg gtncaanaaa tttaggcttg gca                                513
```

<210> 842
 <211> 2198
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(2198)
 <223> n = A,T,C or G

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<400> 842
ntccccataga anccaaatna cnccccctta ttatnctnca tatcaagaca gctcactaca      60
aacaattatg cgatccatac tcccagtcctc aactccacca cccgaactat gcccttactc      120
tcgcgcacatc gccagtcgaag catccgcgca tgtcatccca ctgcttggtg acnatacata      180
ccatgtcttc caactcagca caccacntc caaaaaacac catcctcaac gactgagaac      240
aacatggtea cgtttgcgat caacgaacct tctegaatgg gaacgggacc cgcaacctgt      300
gatataccct ggagagtcaa gtaccgacct tgacgtgat gggtctgga cgggatgccc      360
gtgntgaact ggatcagaac atgaatatnt tctatacggg atataacntg tttnggaacg      420
gccaacaaac aatctttcac accaaggctt ctgacgttca tggtaacaagg ttcgactcga      480
catcaaaagg aatcactatt ctgcgcaatg ggctggacaa gtttgagcgt atcgattttc      540
gcgatccgtt tgtctttttc aaccgcgcgc aaggagata ttggatgctt gtcggcactc      600
gcctcgccaa tggcccgat tggagtcggg ggtgcacgc cctgttgact tcaccogac      660
ttgaggcttg gacagtgtca ccgagcctt tgtatgccc caacgacgtc ttctgccccg      720
aatgtccaga gttgttcaca atgccaaatg ggaagtggta cctggtatat tcacgcttcc      780
acgcacccaa tgcaggaaca gtgtatcgca tggccnacac tccatatggt ccgtttcgcc      840
tcccacgna tgggtctcat ggacgttgg acggacgcg ttggtatgca gccaaatcat      900
gcccacaggc tggagacct gacaagagga tctgctttgg ctggattggg gactatgcgg      960
acgacnaaaa caaagtgggt ctggggaggt gatctggca tcaccaaaat catgtgggca      1020
aaaaacaaag cctgtttttg gcattgacgc ctctbaaaag tttcgaaatt atatatggcg      1080
aattctataga cctgtgtcgc ccggtgatgc tgcctccaaa ttgtatcttt gttctctcgg      1140
gaoganagcg acncattntt cccaantngg ggctgcggag tgggaaganan attttcatgg      1200
ccaaggacat ttgaaataga agccatagct caatcgcccg tcccttagat cataaacatt      1260
tggncggcen ttaacccgtg aaaattcnta ataaaaacaa ggcattnttc ttgtgccatc      1320
aacaacacgg ccagagccga gatacaaaaa gatggacttc ctggccaqaa tctcaaacac      1380
ggactgggtg tgggactaa ccgaatcag atttcaactt ctggcagcga cgttgggtt      1440
tgatctggga gacttctttc taggaagact ctctctctct ctggctggcg ttgtaagcct      1500
gcttctctac ctcttctcgc ttcttatcgg cggcagcctt ggctcctata ggagcaagct      1560
gcttctctgt gagggccttc catcgctcac agaggagctt gccgaacctga ccgaaagaga      1620
taaccagggt ctctctcagg acgttctcac gctgctcgtt ggcaagaagc atgtaggctg      1680
agagacccag ctgggagggg ttgggggtct ttttgggacg cttgggtggt ctgggtaggc      1740
gcttctctgt aggcagcagg cttaggcatt ctgacgggtg tctgagggat ggttttgaga      1800
aatagagatt ggtgggtgtt atgtagtcaa agacttatcg aggcgtgttg agtataggta      1860
gagagggagc aatttgggtg naagaattgt atggnaagaa agagagttag agggaatgta      1920
tggggagggg caaggagacg tttttactat gggggagtga ttgtgcgtgg ggaggggaca      1980
cggcctgccc agctaccaga cttggactgt tatgcaatng gctgggctgg taggcaggag      2040
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tgagcttgcc	ccccctccct	ttttttttct	tctctctctc	ttacccttcc	cttctctctc	2100
taagaaaatt	gggtgcggt	gcggtgcgta	ttgctctgcg	gtgcgtgtgc	ttggagctgc	2160
acttgcacta	gtacagtcgc	agcagtcctg	ggtttgag			2198

<210> 843
 <211> 569
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(569)
 <223> n = A,T,C or G

<400> 843						
gtgggggtaca	tcccttcgatg	gcagcgagggc	gttaatgacc	tctctgagaa	ggagatcnac	60
cacatccact	acgcagcctt	qtacccctctg	gctgggttgg	ttttgcacta	ccttccctttt	120
gttatcatgg	ctcggtgttac	ttacgtgcac	cactactacc	ctgctcttta	cttcgccatc	180
ctcaactttg	gtttcccttat	tgattgggtc	acacgcaacc	gcaacaacac	catcaagtcc	240
attgttttac	gcgtccctgta	cactgtttatc	attggcctct	acatctactt	tatccctatt	300
tgtctggggta	tgactggccc	ccacaaaagag	tacaagtaca	tgaagtgggt	cgacaactgg	360
cgagtcaccc	attaagggat	gtatcatttc	tgttgatttg	agcaatcgct	ttttctcgat	420
cgcataattgc	atgtgatcta	gacagatgcc	ttatggacca	ccatgcaggc	ctggttggtat	480
tattcagttt	cggaatggt	tgcaaggata	tagaattggg	gggtcatgga	aaggatactc	540
gcangggccg	gtttggcaaa	gcgaaagca				569

<210> 844
 <211> 548
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(548)
 <223> n = A,T,C or G

<400> 844						
ctgtatttcag	atggcataca	taagtaacta	caaactattc	acagtctggc	taacaataat	60
attcaacgct	tcttcacaaa	ctcccgccca	aatgcagatg	caagtttaan	aaaagtcgaa	120
acggtcagga	aggacaacag	gggccaccag	tgtccatata	tacatgccgt	agcagaccca	180
aggactaaca	atcttgaccc	agcttgctgc	gtaagtaccc	ccgacagttg	caaagtcgcc	240
gtcccttggtg	gactcatcga	agttcatggt	gagcaaggta	nctaccagg	cagttgctag	300
gaanaagatg	atgtgggaag	cagtataact	glactgggtc	ctgtttcgct	cgctcatctcc	360
tgccgggggta	tcgccagctt	cactctcgtc	gtcggacaac	aaaacatngg	gaggcaaaact	420
ttctctnnga	cagctcggcg	caaaacctcn	gttttatatt	acggggagca	ctangctggt	480
gagttacaaa	naccatgttc	gtcgtcctcg	ggcagctgaa	taccctaga	gttgccgana	540
acaaaaat						548

<210> 845
 <211> 605
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 845						
caagactttct	cctcrgacaa	tatacaaton	ccactctttg	tatctctctt	ccggccacgt	60

ccaaaatgtc	cgccttcate	cgtgtcgtc	gcggcgtccg	cgtgtctccc	atccgacctg	120
ccatgcagcc	ccttgtggcc	cgtcggccg	tgccecgctt	caccaettca	atgccccgac	180
gaagcgagca	tgttgaagag	accttcgagg	aattctccgc	taggttcgag	aaggagttcg	240
acggtgttca	ggatgttttc	gagcttcagc	gcaacctcaa	caacgccttc	gcttatgata	300
ttgtccctgc	tccctcggtg	attgctgccg	ccctcaaggc	cgcccgaagg	gtcaacgact	360
tccgtactgc	cgtccgcate	ttcgaaggta	tcaagaccaa	ggtcganaac	aagggccagt	420
acgagcagta	cntcaggagc	tcaacccctc	cgagaaaact	tggcgtgcct	ctgaagggaag	480
actttaccct	gaagaaaaat	taatgggtgcc	atatctccat	atcttgacct	tgtgtttact	540
ggatgttngc	cganacgaaa	ggaatccgac	ccaaagttna	cccgaatttt	gattgcggca	600
cccca						605

<210> 846

<211> 831

<212> DNA

<213> *Fusarium venenatum*

<120>

<121> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 846

taaggctcgg	tctgttcatg	tttcttttggg	ttaactcaac	ctgcacgggt	gagccctgtc	60
gctcatatcc	ttgccccacg	actctaacag	acaaaacgct	gcataatcaga	ttctcacagg	120
ctagaattga	aaggatttcc	ggccatttcta	gggaggtggg	tggccatcct	tgtttccacc	180
ttatggggac	cgggatgtta	cgataaacat	gtcatggcct	gtcagcagac	ctgtataaat	240
acctcaaac	acctcctgca	tcttagctcc	tccagcctct	cagcctcctc	tagactacaa	300
caccactctt	gagccgacaa	tcttcaaaga	tcacatcctt	tcaattaaac	actcttcaag	360
atgatgttca	agtccaccac	cgcggccatg	ctctnttttg	gagctgccac	tgccactccc	420
atntttggcc	gtgcccaggc	cagccagacc	aaatcggcct	ctcaatcttc	caagacaggt	480
gagagcagcg	cttatgactg	gtcagagggc	tggaccaagg	actaccccat	ccaccagtcc	540
tgtaacgcga	cgtcccgctg	cagttgtcca	acgctttgga	tganaccgta	cancttgcca	600
gcatgccaaag	gaccacattn	ttcgacatgg	acacangtgg	gagtttttta	ccaaataact	660
tggcaatgct	tctacttctc	agcctattgg	atgggtacgac	cgtgttggca	acgccgacaa	720
gactggcgta	ctcttccgtt	gcgatgacct	cgacaagaac	tgtgctacac	aagacgcttg	780
ggctggacac	tggcgagggtg	acaatgccc	tncgaaacag	tnatctgccc	t	831

<210> 847

<211> 620

<212> DNA

<213> *Fusarium venenatum*

<120>

<121> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 847

ctcgttaactt	aaaccccaact	tccatcttcc	ctttatcccc	aagaactact	ttgactttac	60
tttaactttac	taagactctc	gtctatata	ctgactcggg	aaagccccaa	acattctata	120
aaacccctctc	cctcataactt	taccggtcta	ctcgtcgaat	acgtccatcg	cgccagctcc	180
gatactttgg	atacccttca	taaccgcaca	tgggaaccca	gtccccaacg	ccatcatgag	240
tagcctctgc	cgcanaatag	agacagatgt	catgaagatg	ctcatgagcg	actacgaagt	300
cacactttgtg	aatgacaata	tgcaagagtt	ctatgttagg	ttcaaaggac	ctgaanaaac	360
tctatctcga	ggttgyaacat	ggaaggccat	gtcgagctgc	cggacacgta	cccttacaag	420
tctcaagrat	tgggttttgc	atcgcatctt	tcacccctaac	attgatgagt	gtctttactt	480
aatcgacctt	ccagtagttg	gtctgctcgn	taaaaaacttt	aggtctggct	tantgtgctt	540
ggatgttatt	aaccaaacct	ggtccccatg	ttcganatga	ncaacatttt	ganggcttcc	600
tctttaactc	cttngatatn					620

<210> 848
 <211> 469
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(469)
 <223> n = A,T,C or G

<400> 848
 atcgcttctgt ttcgttttctg cacgtctcca gtcgcgcacg aatcgcgaaa tacacatcac 60
 atcatgggca agcgcaaato ttcaagcaag cctatggggc ccaagaagaa agatcccctt 120
 cccactactt tgcgatgect cttctgtaac catgaaaact cagtctcggt caagctcgat 180
 aagaaagctg gtgtcggtca actagactgc cgtgtttgcg gtcaaaaatt ccaqtgcgca 240
 gtaactatc tatecgctgc agttgatgct tatqgtgaat gggttgacgc ggcgatgct 300
 gtgcgcaagg aagacaacgc ggagcctgct atgggtggac atctcgagga ggatctggac 360
 gangcaaccc gaacngcggc cgaagangac tacgacgacc aatcngagat gatgattatt 420
 aaacgttttt ttacgcccac gtacaatacc aagattgcta cgtcctttg 469

<210> 849
 <211> 830
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(830)
 <223> n = A,T,C or G

<400> 849
 attggacgct aagtcagcta tttcacacca acccctccaa cgtctttttt tacaactctg 60
 cctaccttct tctatcctc actcaacttt tcgacatctg cttattgtat tgatacatta 120
 ttatcaacaa tgtctgctca agataaggcc caacaatacc ttggtcagct cgaccgtgag 180
 ctctccaagt accccgacct caacaacctt gagaagcagg ctgggtgttc caaggcctac 240
 gcgctcattg gtgtcggagc tctttacttc tctctcatca tcttcaacct cggcggctag 300
 cttctcacca actttgctgg tttcgtcatt cccagctact actcgtggg tgctcttttc 360
 accacaaca aggaggatga tactcagtgg ttgacttatt gggtcgtttt cgtctctttt 420
 accgttattg agagcttctg ccaangtcgt ctactggttc cctttttact tctcttcaa 480
 gtctcatctc ctctcttggc tctctctccc tgcttccgg ggtgctgagc tcattttccg 540
 atcttttctg gtccctaccc tcggccgata cttccagcaa gtccggctct accgctnna 600
 gtctcgtgac caaggctgac ggctcnaca agaccganta aatggcaccg ctgtgtanct 660
 tggtocttaa tcaaatctcg cgtatactgc gtgaccgga ccaagtnctt tccgntatac 720
 atgaacggaa aantgntgcc ttttggaat ggagtagctt tcaaaataat gctgctcgat 780
 ttggagggtga accgatgana aggatcaaca tcaggattgg gaagtatcca 830

<210> 850
 <211> 528
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

<400> 850
 atgtcttcat gccgaaacct ttactggtat tcgacaagat tccgggtgac ctgctgagta 60
 caccaagtgg atgcgagagt ttacgacaa gcagggtatc acagacaaga aggtcatcgt 120
 cttctctgac tctctcaaca tcgaaagatg cttggagtac aagaagagt cgcacgacct 180

tggtttccaa	cccacattcg	gtgttggaac	ataccttacc	aacgacttta	caaacaccaa	240
gactggcaag	aagtcagtac	ctttgaacat	tgntatcaag	atcaagctcg	ggcggcggcc	300
cgccactgnt	aagaatagtg	acacgctgga	aagaacactg	gtgataagga	gaccgttgag	360
atgggtcaaga	aagaacttgg	atatgttgan	cgtgagtgga	aggaggccac	naaacctngc	420
gatggggcaa	ggcgtaagg	aaaacaaatn	gacccagatc	caaggcgttt	ccgctacact	480
gagtatttca	ggatctntca	tcgctgacca	tagaattaag	ttaccacg		528

<210> 851
 <211> 390
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

<400> 851	
gtcctcagct	gggacctttt cgatgagatc aaggcccaca ccaaactccc catcatccta 60
anggggtatta	ccaccaccga ggatgccctc cgcgctgttg aggctggagc anatgggtatc 120
tggtctctcta	accatggcgg tcgccaagtc gactactccc catctcctct tgagatcgcc 180
tacaaaattc	gtcgtaatgc cctgaaatc ttcaccaaga ctgagggtcat cgccgacagt 240
ggcatccgct	atggtagcga tgtcatcaag ctgttggtc ttggtgtcaa ggctgttggg 300
cttggaagtc	ctttcatgta ctccaatgtt acggcgttga aggccaaga anctcatcag 360
atctcaagag	tgaaatcctt gccgatgctg 390

<210> 852
 <211> 444
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(444)
 <223> n = A,T,C or G

<400> 852	
cctacatccg	ccatcaaaac catacaacgc cgaaaacaat ctcttgatat tgacttatcc 60
ctcatctcgc	gacccatctt ccccgacatc gataccaata ccgacaccga caccgactcg 120
actttctccg	ctccgcttcc ccccgctnt cttaccgtag ttgcgcgcac ccgcccgcga 180
atagagcttc	gtactctcg accgcttgca ttctgctttg acagagncaa gctcctgcac 240
aggagccttt	gagaggaaca atggcggntg tcgctactat caagtgcgtc gtcgttggtg 300
acgggtgctgt	lygaaanaact tgtcttctca tcagctatac aacaaacaaa ttcccatccg 360
aatatgtccc	gactgtcttc gacaattacg ctgtcactgt tatgatcggn gatgagccat 420
acactctcgg	actattcgat accg 444

<210> 853
 <211> 578
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 853	
ctttcacgat	tctcactcat ctttgtacac tgtcctcgac agctccaacc atgtgtgtcaa 60
cctgtttgtc	gctaccgatc ttcccgaggg caaccgtcgt ggttcaatca tcaagagcaa 120
ctccaatggc	acaacctatg tcttgagtgc ttctaalgct aacgctgatg aactagggta 180

tgtagacttt	gagaagggtg	ctgggtcttga	gggtgtcact	ctcatcaaca	ccgttgcaaa	240
ccccgaagac	aagaaaggca	agaagacaat	tcagaccaag	atttctcaca	acgatggcgc	300
tgaatggacc	tttctggcac	cgccacaaag	gatgtcgacn	gaaagtcgta	ttcantgcag	360
ctctctaggt	gatggcaaatt	gtgccttnaa	cttgnaccat	cccccgaccg	ganaacaagg	420
canaactttt	ntgnagcacc	gttggttgga	tganattgct	tacggaaaca	tcggttnagc	480
cttggagaca	ttanggtgcc	gatctttcat	ntcgcttncg	gnggtattac	ctgnaaaaat	540
gtaaaagggc	tttggaatgg	catatggana	caggggttt			578

<210> 854

<211> 573

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (573)

<223> n = A,T,C or G

<400> 854

aatcattgtg	gagggctaca	aggagtttga	cacaggacgt	gaatacatgt	gcaggatggg	60
cgactggcgt	gaaaacaagg	atggtgaact	tcagcttgat	ggtattggcg	gcgtcaacat	120
cctcgtaag	gcagacgtgc	atcgatcagg	catcaacttc	ccaccctacg	ctttcgagaa	180
ccaggcggag	acaganggtt	ttgccaaaat	ggccaaacga	gccggctacc	aagtcattgg	240
ccttcccaac	tacatcgttt	ggcactacga	tacacaagaa	aanggcggta	acctatgaan	300
gctgcgggct	taaagcttgg	tttctganct	ggcttattac	gaaacaacct	cagcttgtec	360
tgtctttctg	ggactacttc	aactatatac	gcagacccat	gacgttacnc	cngttgatgt	420
ttccaacatt	cntggaagtg	ctttgatgcc	agctctcact	ttgagcactg	ttcacaacaa	480
agcaacacca	tcttccatgc	tgttatcaan	ttgcgctcga	ttccgtcccn	atctattaca	540
tttctactac	aatctgcgtt	gacctattgg	gat			573

<210> 855

<211> 521

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (521)

<223> n = A,T,C or G

<400> 855

cagtgtcgca	tggggtgtag	gaggtcttgc	gcgcaaacct	ttggaaggcg	ccgaaacaga	60
gggtgctctg	gggattcttc	aaggytytcc	ggtaagggct	ttattggact	ggctaccaag	120
cctgcgctcg	gagtaactaaa	aatggccaac	aatgtaagtg	agggtattcc	gcaaatataa	180
caaccggggt	tgaccaaaaat	ggattggatc	gcacacgata	cccacgatac	atcccacaag	240
atggcattgt	gcgcccgtac	aacccccggg	aagctctcgg	ccaatattgg	cttaagcaag	300
tggacaacgg	aagatacttt	gacgaacaat	acattggaca	tttggagcta	ccaaaggaag	360
atatggctcg	tatgatcact	tatgctcgta	tettgcttat	ccgatcacna	ctcttaccag	420
cgaattggac	gtgpcactga	aggacntcca	nactattact	aaqaaaaaaa	ctggcfnagr	480
ttgtccctta	aaagaaqaac	aatggacttt	tatcccgatt	g		521

<210> 856

<211> 347

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (347)

<223> n = A,T,C or G

```

<400> 856
ctggaggatc tggtcgccgg catgaataag cttgccaaag ctcgcaatgg ccctttactg      60
gaatacgacg atgtcaagga agtcgtcgaa gcgagagaca gtcaaataga caaccctac      120
gccaaagacg cccaggccat gtcacatcac aacgcgagga catactggcc cgatcgctcg      180
agccgtgttg caccgccaca tcgccttctg gacaaggctc acggaccgtt gatagctgtg      240
canatgaacc ttcttacacn aaagacgctc ggtggtatcg agacaaactt ggatagtaac      300
gttatgaggg ccgatggnac cccattccct gggctgtatg ctgctgg      347

```

```

<210> 857
<211> 587
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

```

```

<400> 857
ctctttcaga cggagtcgtc gtcggcagcc agatcatcac tacaattaaa aatgccgagc      60
ctggtcaagc cctttccgat atcgagaaan tactgtgcct acctgtcagg ccgtgactct      120
ggagattcaa acactagaga anttggcctt gttgaggccg ttgctggagc tagggagccc      180
agtggtgaca atgttactgt cagcgatact attacagatg cagatatcac tgccgaggan      240
gacagtgcct tgggtggccc gcttgctgct ctccatggca agatccctga gcgattcggc      300
gagttcngtg gtcaatatgt tcccgagagt ctgatggact gcttgtccca gcttgaagaa      360
gcttcaacgc gatcaaggac naccctcatt ctgggaagaa taccgatctt actacgaata      420
catgggacaa cgggccatct gcatttggtt gancgaccac tgaacatgct ggaagtgcaa      480
catctggttg aagcccaana ttgaaccccc tggcgtcnca aaatacatgc tctgggacac      540
tctcttgccg ccgacttgga aganccaate atgccaanac ggtctga      587

```

```

<210> 858
<211> 534
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(534)
<223> n = A,T,C or G

```

```

<400> 858
agatggagca aatacctctc aactctgaag ctltntgtgg tgatactcac aagcagacaa      60
catcgacact gcccccgat gtcgntcaat gtcttgataa tgctcgcttt ctccacttgg      120
caacatgcac agataacatg ccccatgttt cccttatgaa ctatacatc ctcccatctt      180
cgctttatct caactaccca gtcacatca tgacaacaaa cccggnntnt aaaaagacat      240
ccaacctggt gactaacccc aacgtatcgn tgcttgccat gattgggtct cccaccgacc      300
gocgactacg gncgcgcacc gtnaggcggt tttctggccc gancaccgtc gagtcttggc      360
tactctttta aatatnacct gcancctntt atatcancce acataaagaa accgtctgtg      420
gnghragggg ctgaaagyan aatttntgng agcagatttg anacacnllt tgacaatnta      480
cctcgatent tcacggaaac ggcttgtgaa gatgaagccg cggttnttct actg      534

```

```

<210> 859
<211> 571
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(571)

```

<223> n = A,T,C or G

<400> 859

gtactttg	gccaaggtac	ttttcgacat	tattcctctt	cggtatcatc	ccccgatcct	60
catgggctcc	atcatatata	ccatgacagg	actggtagcc	gactcgacgc	atttcttcaa	120
cttcacctc	gtgctagtat	tgttcaatat	ggctgcagcc	gctgtgtgcc	tattcatcgg	180
cattgtttgt	aaggatggca	gcgtggcaaa	cctgattggc	agtctcgtaa	tgctcttcag	240
tcttcttttt	gccggtttcc	tgctcaatca	caaggctact	ccaaagggcg	cgctctggct	300
cccagaccta	tccatattcc	actacggctt	tgaaatcact	tattgtgaaa	gaagttcttc	360
atcttactcc	tgtgtgaaag	caagttacgc	ctcgaaatta	ctgtccccng	cgcaacaatc	420
ccttanctcc	ttttggaatc	aacaatgaac	ccatgttggc	ccgacattta	aaaacctgga	480
aatatcgccg	ccatattcac	ctcctgttct	ttaagcngcc	aagcacatcc	gcttgtttga	540
aaaanaaaaa	aaattcaatt	gaatttgaac	a			571

<210> 860

<211> 572

<212> DNA

<213> *Fusarium venenatum*

<400> 860

gtgcctcttt	ctcttgctgc	aaatcttttg	gacgtatccg	acgaacctgc	gcattcacga	60
aaccccgta	aatgattat	tcctatecgt	tgtttctcct	gtggaaaagg	cactggagac	120
ctttgggagc	gctaccttca	actgatcgca	gatccccgca	agactgatgg	cgacgctatg	180
gacgagctcg	gtcttaagcg	atactgctgc	cgcgatga	tcctgaccca	cgctgacctt	240
atcgagaagc	ttctcaagta	cactcccgac	ggacgaaaacg	agaagaacag	caattgagcc	300
agaacgtata	gaggaggtcc	tcgtgaatga	gtagcaacgg	gttagttgtg	catggtttgg	360
cgtttgaggaa	atgttaccca	aatatgtcat	tttgacggcc	agggaaaagca	atgaattcat	420
caggggtgtca	gtatcagagt	acaagagtct	tcataatcga	cagcaccttt	aaagacctcc	480
cgagactttg	aagactccac	caatgtttga	gcaccttgc	ttgcattaca	gcattcaatt	540
tgaacggaaa	ggaaaatctt	tgggtcaagg	at			572

<210> 861

<211> 578

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 861

caatgccatc	aagcttctgt	ctggctcttg	ttccgtcatg	catatttccg	cccttggtaa	60
caagctcttg	caagacagca	agctgaacaa	ccagcttctt	gccgatgagc	ctgaccgttg	120
tgccgtgtgc	atcggtctcg	gtatcaacca	cctgcaactt	cttgccagta	ttgtataccc	180
ctacatgccc	tcgacttccg	atgccattct	tgagcagatt	ggtagccccg	gtcttgtttc	240
tatccccgaa	acatggactg	gcgatctcat	caagcccgg	caaaagattg	gcgagcccaa	300
gcttctcttt	acacagatcc	ctgcatccaa	gcttgacgaa	tggcgcgagg	ccttcgggtgg	360
cgaagagatt	cgaaagcaga	aggccttgag	ctgaaaaggc	gcggccaaaa	aqctqccaaa	420
gaaagaaaga	aqaaagaact	cctttgngcc	aagctgagaa	gcgggnaact	tcaaagacaa	480
agctgctgaa	aaaaaacctg	gagctacact	gttgactctc	ctaacatanc	cctgagnata	540
atatcaaaact	gggcanatga	tcattnatgt	aaatggac			578

<210> 862

<211> 494

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(494)

<223> n = A,T,C or G

<400> 862

gctgctcgaa	ctaagcctga	tatgattcct	ncacacttgg	gcaaactaat	gccatattgt	60
ttgcangagt	cagtgatcaa	naaggaactt	gtgagagaag	tcattgatgg	acctttcaag	120
cataccgttg	atgacggcct	tgagggttoga	aagagcgcat	atgagacctt	gtntgctcta	180
atggagactg	ctttcagtcg	cattaacaat	atcgactttt	atgaccgtgt	tgtggcaggt	240
ctcanggacg	acaatgatat	tcgtnagctt	tgtaacctca	tggtgaccaa	ctgattgcca	300
tcgaccccta	cgagaccaca	cgccgactga	actcgattgc	agaggcttat	ngaactgttc	360
tgcagtcaag	ctgaaggata	acgctgtgaa	caagacgtaa	agaaacanga	agaggccaac	420
aagagcatnt	tgagagtga	actgttatgg	gcgaaaagat	naaggcccca	ctgggaaccc	480
tggtgctgta	ctaa					494

<210> 863

<211> 319

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 863

ctctcgtgac	cgcagcaaga	tccgcactct	caccaccgct	ttccgtctca	agcatgaggt	60
tcttggtgt	tatctccgag	ctggcaacgt	gaacctgcct	cagtgggggt	tcaagcagat	120
cgaggttact	tgcacaaagg	agaacaaccc	tcgcgacacc	tacaccact	ggaatgttga	180
ggtcacttgg	aacgacaagc	ttctctctgc	cgaggctggt	gtttacaagt	ctcctttctt	240
caagactttg	tccatttgaa	cgttgctatg	atgacttcaa	acaacgctct	ggttcccgat	300
notgacaagc	aagaagatc					319

<210> 864

<211> 600

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(600)

<223> n = A,T,C or G

<400> 864

cgacggatct	gtgtaatact	ttctttctct	ttatgccagg	ttcttctctc	ttttgaatcg	60
ttcttatttg	ctggattatc	ctcatctcga	gagtcctcca	cattcattat	aaacaaccac	120
ttggggcact	ctcgatatac	ttgataaata	tcttggtctt	gtttcaactt	gatcttgaga	180
ctcttcacgt	acaacaagaa	cttccccaac	caacataact	aataccgtcg	agctacaact	240
cgacacccac	tcttttggaac	acaaaaaagg	aatcgaacac	cacacaccat	ccttaggcgg	300
acagccagtc	ccagcaaaact	atacaccaat	accaattaat	aactaaactc	accacgcgag	360
ccacttttaa	ccgaaatgga	ttccacaatg	atgcccaggg	ccatlygcca	aggtcccttc	420
ttcttctaca	acacagagtc	caagcatgac	gtccgacaac	actaccctca	acaacagatg	480
ccatgtatc	ccatgggtcc	taagttgcct	tnaactcccg	tctactcgcg	accagctctt	540
gncagtaact	ctcagcctcc	actctgtaca	gcaatggcct	gncgcatgat	tccactgggt	600

<210> 865

<211> 939

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(939)
 <223> n = A,T,C or G

```
<400> 865
tattgctgtc tccggtctca tcttcttcgc cgaccataga gtaggtagtg gaagaggtaa      60
ctcggatgca ccaagcagag cagtaagaaa tgaagatagc agcaagacca gagtagataa      120
tgccgatcat catgcggtta cgggtatctt caggggaagt cttggccaag ttggcgctgg      180
accagtcttc agtgacgagc gagcagaaga cgaggacggg aatggtgagc aagttgttgt      240
agtacatagt gtcccaatcc ttgaagttca tcttgtgata tgatgtgaca ttagaccaag      300
ccagaagccc ccttttttgc tcattctccc attgcacoga ttgccttggc ttgcaccgtt      360
cagttacagt tgcacaccct tccttctttt ttccaatct tctattttat ccctatccac      420
tagacttggc atctccacgc tggccttctg ccaattganc ggatcgattt aatttggaga      480
ccacatcaca accnggctct catttcttgt cgtgtcttgt cctgtcccgt gcacgctta      540
tctcttcttc ttcttgaatt cggcactttt cttatcgccg gttgaatcaa atctgaacga      600
ctccttgcgg ttggccact cttttacaag aactcacggt ttggcgatcg acgtcttgac      660
acaaccattg ggcgaccaga ataagaagaa cgacgacttc gttggccaag atgcccgaag      720
tcgccaacga gaacaacatt ggggtgatgg cgagaaggag aacgactctc ttgttggctc      780
tgggcctggc actgacgccc tccttgggca gcctgggaag gtttacgggc cagaatggga      840
acagcggccc tttctctatc cttggtact gtgttctctc tatttccatg aatgttgta      900
acaagatttt ttgtttctgg gcacttcatg gaacctgct      939
```

<210> 866
 <211> 553
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

```
<400> 866
tttttttttt tttttttaat aacaatgttg aatgttaata ttgggtatct annaaataac      60
gctgtnaaaa ctcaaattca tctccagtc taattaaggg gaacacgacg gaagcggng      120
gattcccatc catcaatctc atnaatatga gtctcgnaa caagcttgta nccaccaatn      180
ttgggaagga tgatagccca nacaagccaa tagacagcac cagcggcaan aatagntata      240
ccgacnacac agtggatgta gtaaggcatg ctcttgact ggttctggct agggtcacgc      300
ggagcgatga aaggagcaat tacgaggtag atgttgntga aaaagaaaaa aacggtgaca      360
ggcanagtgg ccttgatggg agccgttcca gttgtncctc tcgcgngnga ggtagaggng      420
gaccaaacc caccacaaa agtgtttaca atggccaaag ggtangaaat gangttaaag      480
atnaaattgt aggcacccc ngganggagg agcaaggatg accatnacc caatgatncc      540
agtgcctngaa aaa      553
```

<210> 867
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

```
<400> 867
gttgtgtttr ttcaacttca ccatcatcca gtcagcaggt ctgcacgtga aacaagcttc      60
cttcgaaaac gaaggtcaac tctacagcaa tgtccaacgg attcaactct ggctacggcc      120
tcgggtggcc cggcgctac ggcggtatcc aggtgtgtga tcttcagcag ggcgagggt      180
ttctcgagca gatttgtccc tataccagca agattgagga tgcgctcgac accatcagcg      240
agcctgtcaa ggcctatctc cctgcatctg ggcgttctct gatcgttgtc acctctcttg      300
aggatgtctt ccttatcgtc acccaatggg ccgaccagct gctttacctg aaagattacc      360
gtcacattcc ttctgggtatt acccactgt tctgtcttgt caacatcctc gccatgttct      420
cttgcctcac cctggctcct atccgaaagg atccgacta cccgtcgccg gtctcatggg      480
cgttgtgtgc acccaagctc ttggttacgg tctcatcttc gatcttaact tcttctccg      540
aaaactctct gtcattgggtg gcttggctcat ggtctgtccc aatcgtgggt g      591
```

<210> 868
 <211> 730
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 868
 aaatgaagga cttgtctacc agtcgcgagc aactcaaggc tgccaagcag tcaacacaaa 50
 cacgcgtctt gtcgctcaag tcaaaccgga catctgactt tgaagcgatc aagaggctga 120
 cactcacagc tntaaagaag gagantgagg aactcctcgc cacactccgc ggcaaatacat 180
 cttcccccct gattcctact tctgtctctg cagcaatgga gcgcgaaatc acagcagcna 240
 aggcggaaaac agcatcagcc gagaagcgca cccgtcgtct gaagggaagtc tgggggttcca 300
 agtctcaaga gtttaaagaa gccatntttt ccacgctcgg ttggaccgtg acattatccc 360
 caacggcaag atgcgagtcg aaagcacgtt ctacccatcg cagacggacg agcatgagac 420
 tcgatttgtt ttgatggtga gcgcggcacg atgaaggctg gcggcggtcc acgaagtgat 480
 tcgcgagaag gataagcgat caaattggaa ttttgggtta nggaaaaggg gtgtattcct 540
 gyyttcctgg ctgcgttgac gctggagttt tacgaggagc atagcaaaac cgnttcaagc 600
 caaggccgtn gggatgatga cttaataccc ttgtacatta ttggagtgnn gggttgcgtn 660
 catagagntc tgttgaagga ttccaanatt tctgggaatg taaatacata atggtnccct 720
 aaaaaaaaaa 730

<210> 869
 <211> 595
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 869
 aacagtcgaa acctcgctat ctcacaactt cgatcccgac ccgaagcata gcgaaagccc 50
 ccccttttgc atacctacgg ttctttgcgc ttattcacat caaaatgact ggtcgcggtg 120
 gtggcggtgg tcgcggtgtt ctggttcctc ccattaactt catcttcaag cttctccaat 180
 cacacgctac ggtcagtgte tggctgtacg agcagctctc cattcgtatt gaaggcaaga 240
 tcagaggctt cgatgagttc atgaatctgg tcatcgacga tgccgtagag gttaagcaga 300
 ttaccaagac caacgatnag gagtccagga gacctctcgg tcaaatcctg ctgaagggag 360
 acaatgtgtc gctgatccag agcgcgcgaa gctgaagaga tggtaacgaa accgatcgcg 420
 tggatttggg aaatagacgg acaatggagt ggagtggaag catgaaggga taccacaaac 480
 cgcccgggcc aattnatggc ttacgaagca cttccaaggt tgtcacggcg ctcagtatct 540
 ctcaggtgca agaantccgt cncgcgcgaa atgggtgtcg aaaagcgctg aggan 595

<210> 870
 <211> 619
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 870
 gatggctcgt cagtacgcta tegtctgccc tgatgcctct gaggcaggaga tccaggctgc 50

tgttgaggac	acaactggtg	gccagggtttt	cagccaagcc	atgatgcaga	gtgaccgcca	120
gggtcgcgct	cgtgcggccc	tgagcgctgt	ccaagatcgt	caccaggccc	ttcagaagat	180
tgagcagcag	atggtcgcag	tggcacagct	gttccaggac	atggacactc	tcgttgttca	240
gcaggaggct	gccgtcacac	agattgagca	gaagggtgag	gaggttgctg	agaacctcga	300
caagggtaac	gaggagattg	gtgtagctgt	caacactgcc	gcaagacacg	caagaagaag	360
tggtctgtcc	tgggtatctg	tgtggctatt	attatcggtg	ttgcattatc	gtcctcatct	420
acatcttttg	tattaaggga	cagaacaaca	acaacggcgg	taacaacaac	aagagacgag	480
ccatcgaggc	cgnctctgac	gctatcatgc	acacagctgt	catgccgctn	tagctcgtcg	540
cgttgcttgg	cggaacgaa	ggcgcctnt	cttataacag	cgtngcgggg	aagaattaca	600
tgcccagctc	ccgacaacn					619

<210> 871
 <211> 994
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(994)
 <223> n = A,T,C or G

<400> 871						
ggccgagctt	caccagatca	tgacttgtgg	tttcgccacc	atctctggat	ctacactcgt	60
cggatacatt	ggtcttggtc	tcaaccgcga	agctctcgtg	tcctcgtgta	tcattgtctat	120
tcgccgctct	ctggccattt	ccaagatgcg	ataccccgag	accgaagaga	ccctcacagc	180
tggtcgcggt	gtcattcccg	acgatgacga	gcacaaggct	gagaacgctc	ttcacgcttt	240
cgccaacggt	gcttggttgg	gtatcaagat	tgctggtacc	atcattacct	ctctgctctg	300
catcatcgcc	tttgtegett	tcatacaagg	tatccttact	tggtatcgga	gctacatcaa	360
ccctccgcggc	gaatacgatc	ttactctgca	gttgatcctg	ggttaccttt	tgttccctat	420
ttcattcctg	ctcggagttt	ctcgcaccaa	cggcgacaac	tctactggag	atattctccc	480
cgtcgtcctg	ctcattgccc	aaaagatcat	caccaacgag	tacaacgcct	tcaccgacct	540
caccaccgac	gatcccaact	cccaatacta	cggcctctcc	ccccgctccc	aactcatcgc	600
cacctacgct	ctctgcgggt	tgggcaacat	cggttctctt	ggtatccaga	tcggtattct	660
cagcaacttg	cccccaactg	cggtggtgac	gttgcgcgtc	ttgccgtttc	tgccctggct	720
ctggtgtctg	gccactctca	cctctgcagt	gtcgtctggtc	tcgtcgtcac	caaccaagct	780
gtcgacttta	cacgaaccca	atcataaaat	gtcatgcgtg	tatgttgnaa	gagaacgaac	840
gaaagaaaca	aaaccnccaa	aaagaaagaa	cgaatgaatc	gtatataaaa	cttntnatgt	900
atcaaggaat	tttatgatat	gatatgctat	actactatat	ataccaaagt	ctatactgga	960
nggcacgaaa	atggcgatat	ttccggaaaa	aaaa			994

<210> 872
 <211> 306
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(306)
 <223> n = A,T,C or G

<400> 872						
cgtatccgat	cttcccactg	ctttcgaggc	agtctttctc	gattcgatcc	tcggaaaggc	60
ttttctctgn	aatttcacga	tcttctttta	cgtctacga	cccattgncg	tctaccgcat	120
tcctctgaat	cagatccacg	ccctnaacat	cttcggtcag	gnatccttcg	atctggntct	180
ctttaagtac	gggtctgnea	actctctctt	ctactactgg	tcctctcctt	tcctcgaggga	240
agntcgnatc	ccctggncgg	cacttttatg	cagagcacta	cgtttacgag	accgtacacc	300
ttcggg						306

<210> 873
 <211> 591

<212> DNA

<213> *Fusarium venenatum*

<400> 873

gtctggacac	aaacgctcagg	atctgggacc	cgacatcttg	tgagtgcctg	gctattcttc	60
aaggtcacac	atcccttggt	gggcagcttc	agatgcgcgg	ggacacatta	gttacagggtg	120
gatctgatgg	atcagtcaga	gtctggtcac	tggagaagat	gtgcccgatt	caccgtcttg	180
cagcccatga	taatagcgtc	actagtctgc	agtttgatga	tactcgagtc	gtaagtgggtg	240
gcagtgatgg	tcgagttaag	atatgggac	tcaagactgg	acatctcggt	cgagaactca	300
tcgctcaagg	tgaagctgtc	tggcgggttg	cttttgagga	tgagaagtgt	gttgctctgg	360
ctttgagaca	agggcgtagc	gtaatggagg	tatggctcgt	ctcaccaccc	gaagagggtgc	420
tttacgaccg	cccctctcgc	ttcaacagcg	ggtgctggaa	gatgacccta	gtcgcccgtt	480
gagtgcctatg	gctatcgact	atcgctcatc	acaaccaacg	ttggccggac	ccagtcgaga	540
tgccctaccc	aagatgttga	tatgcattga	cgctggccca	tcaacggccc	t	591

<210> 874

<211> 564

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(564)

<223> n = A,T,C or G

<400> 874

cgagatgcac	aaggagaaga	agaagatcaa	gaagaacggt	gatggcgagg	tccaggaagt	60
cgagaaggag	tggtcatact	ttgagttgag	tggctacgaa	tacctaactt	acaagcagta	120
tctcgagcgc	gttctacaga	ttgggttcgc	gtctaaggaa	agtcggcttg	accagcgagg	180
acaagcttca	cgttttcggc	actaccagca	tcggctggat	ttccacctct	cacgctgctg	240
ccctctcaatc	catctcgatc	gttaocggcat	atgatacaact	cgccccagc	ggcgtcgagc	300
actctcttgt	gcanaccaac	tgcgcgcgca	tgtacgtcga	ttcgcagctt	ctcnaganag	360
cttcngaacc	atccagaagt	ctcagtcgaag	atcgttatcg	tcaacgacca	accatctttc	420
caaggaaagn	gactcgaaaa	tcaaggcgat	ccactgacct	gaaggctctn	ccttggaana	480
cccaaagctg	gtgaanaaaa	ccctcanccc	acccgctagc	nnaaaactta	cgcgctctgtt	540
cntccggtea	cgggtncccc	aggg				564

<210> 875

<211> 708

<212> DNA

<213> *Fusarium venenatum*

<400> 875

acagcgatca	cgcccgcgat	ccaacgcccc	atttcccac	caacttacca	tcttacagggt	60
cgcaacaatg	gacgcctcca	agcagcccg	caagctcgtc	aaggtcaccc	gagtcctcgg	120
ccgaaccggt	tcccggtggtg	gtgtcaccca	ggtcgcggt	gaattcatgg	acgaccagac	180
ccgatccatc	atccgaaacg	tcaaggggccc	agtcgctgag	gacgacatcc	tttgccctct	240
cgagtcggag	cgtgaggccc	gacgactacg	ataaatgtgc	atctggggag	catgggggtc	300
ttggaagacg	gtcaacgacg	gatggtctat	gcatgctgag	gcgtgcgcgc	cttqtatttq	360
gacattgacc	tggagctgca	cattacccct	ttggcaclcc	agtttcattt	gttagaggag	420
tcacacggac	gggtctggga	taacgaaaaa	ttccagaaca	gttcttcttc	tgcattgcagc	480
attggaatcc	gacgaaaagt	gaaattcatt	cttggtttctc	tcgcgcacgg	cttctctttt	540
ctctctcatca	aacgcacgcc	tcgcgccttc	tcgaagctca	aacaaggaaa	tggattgggg	600
ggaggatatg	cagtcaaac	gtgctacgat	aattcaatga	cctcggtttt	gacattgacc	660
taqcaacagg	agaattcatg	cctctttttaa	tgacagattg	ttcttcat		708

<210> 876

<211> 1116

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1116)

<223> n = A,T,C or G

<400> 876

ctttcagttc	attcaatcgt	cttaaacgtc	ttgttcgcgt	ctttgctctc	atctcaaacg	60
catccatcac	ttgtctacac	acaaaccaca	taacttccac	aaactgtcac	aatgcctgcc	120
aaagccgccg	ccgctcccaa	gaaggcctct	ggccacgcca	gctaccagga	tatgatcact	180
gatgctattg	tcaacctcaa	ggaccgaaag	ggctctagcc	gtcaatcttt	gaagaaatat	240
gtcaaggcca	acaacactct	caatgtcacc	gacaacatgt	tgcactcttt	gttcaacaag	300
gcactgaagg	ctggtgttga	caagggtgtc	tttgagcagc	ccaaggggcc	ctccggtggg	360
accaagcttg	ccaagaagca	agcctgagcc	taagaaggcc	gncgctccca	agaagggtgc	420
tgagaagaag	gacagtgtcg	agaagcctgc	cgctaagaag	cccgtgcca	agaaggctgc	480
tgnttccaa	aaagcctgcag	ctgagaagaa	ngccgctqnc	ccccagaagc	tgcccgttga	540
gaagaagaca	accgagaaga	agtctgccga	gaagaccgag	aaggctgaga	aggttgcctc	600
tgctaagggt	gcccccaaga	agaccgcgc	tcccaagaag	ctgctgcccc	caagaagact	660
gccgacaagg	ctgagaagcc	cgagacaact	ctcacaaga	caaaggctgg	ccgtgtcgca	720
aagaccacaa	aggttgcccc	tgccaagaag	ccgcgcgacc	taaaaaggca	gcgccaaga	780
agccgctgct	accaaggcgt	ntctgacgct	gagcagtatt	gaactttaat	taatgacnac	840
caccgcgttt	aaagatttgt	tcacngctan	ggcacgggaa	gtacgggttac	tggaatttcn	900
atggtttgtg	ttggagcggg	attatttggc	tgtttatattg	cgcacgtacn	cgaanactcg	960
cgtttgtatg	attcaacctc	cagccatctc	atgtncttgg	agatggtaca	ctcgaattgc	1020
nggtncactt	ctacacganc	atgcctntnt	gtattatatac	ccgcatgaca	tggcaatttt	1080
tcattaagcg	tgtcagggtt	gagacaatgc	nagcgg			1116

<210> 877

<211> 586

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 877

ggtgaccctc	tcgtaagct	gttagcacac	cgaggacccg	ttcgagatct	ggccgtcgat	60
cgtgaaagg	cgatacatgg	tctcgacggg	ccaagatcag	aaanatggca	gtttgggac	120
tcagaaatgt	tgcgcgaagt	caacagttac	ttcacacgcc	aaccagcttc	gtcagtggca	180
atctccgata	caggcttgac	agctatttgt	tggggtactc	aaacaaccat	ctggaagggt	240
ctcttcgata	agaacgcccc	tgtccaagaa	aaggtcagay	cccttacatg	gcgtgggggtg	300
gtgagggtaa	gcgcattgan	cgcgtaacgat	ggtgtccttt	gaaaatgttc	tcggtatcgg	360
tcacgactct	ggcttctcct	ccatcattgt	tcctggtgct	ggtgaagcca	actacaacct	420
ctggaagtca	acccattcga	gactgccaag	caacgacaag	aatccgaant	caagggtctg	480
ctcaacaagc	tgcanccega	tntgattgcc	ctcgacccca	actactcgga	acctggactt	540
gcgatccgaa	aaacacntcg	tncccaaaaag	aacttgacct	cctgct		586

<210> 878

<211> 1657

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1657)

<223> n = A,T,C or G

<400> 878

caaaaaactcg	accagctcgt	ctccattcgc	cttgcacat	ctgaatcttt	cgcttttctt	60
cttatctctt	gttttttact	ccttcacgac	aaacgctcct	ttcacgatac	tcaagatacc	120
ctaaagactt	ttccttcaca	atgtctgaca	ctgttttacc	cgaagtcctc	tgggctcagc	180
gatcttccga	gtctgaagct	tccaagaact	tcattctacct	caccatctcc	gtccctgatg	240
tgcccaagga	caacatcaac	ctcgaccttc	agcccaccaa	gtcgaacttc	actggaacct	300
catccactct	caagaggaag	taccatgttg	agcttgagct	ctggggcgag	atcgaccccg	360
cagagagcaa	gatcaaccac	acttccaaga	acgttgaaat	aaagctacag	aagaaggagc	420
tcaagaacga	gtactggccc	agactactca	aggactccaa	gcgcgtccac	ttcctcaaga	480
cagacttcga	caagtggggt	gatgaggatg	agcagaacga	ggcccctgag	gacgacttct	540
ctcagttcgg	tggatatggg	ggtggcatgc	ctgatatggg	cngcatgggt	ggcggcatgg	600
gtggatatgg	cgggtgggcg	gcatgggtgg	tgactttggg	gcattgactt	ctccaactgg	660
gaggcgngc	tggctttccc	ggcgctggac	ggtgggtggg	ctggctacgg	cggtgggtgg	720
tacgcgtaac	cccagcggcc	ctggcgctca	gtcgtcttgg	tggtaaaccac	atcacaccga	780
gatattcgca	tgccttgggt	gcgacaacga	gttagcgacc	gcttggcttc	gcagcatctc	840
acgtttgcta	tttttgtttt	ttgttttttt	tttcttattt	gttatctggt	tgcttgcatt	900
tgaacgacac	ggcggcacca	tgacctgcga	agacagacga	atgccttttt	gccagcagca	960
acaggcagtg	ttcgggtccc	aggctttaac	gatgcactct	atagatttct	tttctttgat	1020
ttcggcatac	tcctcgtttg	atacccttag	accgagacgt	ggggagctgg	aagacgttgg	1080
cagcacgctg	tgatgcgatg	gatctagatt	cggacatggg	tcaacagatc	tcacacagca	1140
ttacgaagtt	tatgtttccg	ccgtctacct	gggggtttta	tcattcccaag	gcattttttca	1200
cgcattcacg	atagagggtc	atgttatcgc	cgttcacata	gacaaaagtg	gattttctcg	1260
ttctctagt	acgaatcgct	cgttggtctc	tattgggaat	agggatcaga	gggagagcga	1320
tgagcgcact	ttgaagggag	caaaggataa	tgggtcaaca	ggacggttac	gtctgtttat	1380
tatcagaanc	ggagagcacg	aancgttacc	gcgcgacgcc	cataagttat	ggcatttggg	1440
ttggggcgga	cgggcatgga	aaggatcaca	aaagctctta	ctctttgcca	tttaggaagg	1500
acatggacac	gacaaangct	ttgactcaag	gaataatgaa	tgggtcacga	ngcttntcat	1560
gacggggcca	tgatgcttcc	cgtantnnaa	cagataacca	tactggactg	gactgaggag	1620
tctgaataaa	aaaaaacgcc	tttgatttan	aaaaaat			1657

<210> 879

<211> 586

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 879

cattctcacc	aaacctcaac	ttttttggca	ttgcctcgtt	tcctttcttt	ttcacctcaa	60
tccttctctg	cgggtgtatt	caacccgtaa	atcaagatgg	ctatctctcc	tcaaatcacc	120
aaacctggta	tcattctggg	tatgatgcag	gtctccaagc	gcgttccctt	cgatgatect	180
tttgtgtcca	acgttgtccg	cgcgctctac	cttgccagca	acgttatcat	tgctgggtctt	240
tactttctaca	cccagctgaa	gatcaataag	aagaangacc	tcaccaccct	caagtatggt	300
gagcccgcct	ccatgggttc	ctctgangan	ggcaagctcg	ttaccaccac	catccacgcc	360
tacganaacg	aacagattcg	caccgctttc	cgtggccang	ccatgggtat	ggctatgang	420
gottttcatgc	acttgtagat	gaatacacca	acctcttctc	atccagaaca	tcattccctct	480
caaaacacct	ttcnaaaana	catgaatcaaa	atcacatctt	tggcaacctg	cgcgtngtga	540
ctcaacgtcc	ctcaaacacc	gctgtttctt	aatctcatca	gggtgg		586

<210> 880

<211> 636

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(636)

<223> n = A,T,C or G

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<400> 880
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atactcaatc ctttcgactt acaaaccact ttcggccaca tatctacatt ttataaacia 120
caacataaac ttcaaaatgg atgactggga caccgcaacc aagatcggca gccgcgctcg 180
tggccccggc aatgctcagc gagagaccgt cgtccgagga aaggctgctc tcaacgctgc 240
ccaacgagct ggtggtctca gcaccgagaa gaagttctct tctgccaacg ctggttccgc 300
accagagggg cagcgtatga ccaagggtga ccgatccgac gacatcatca agcccaacac 360
catcggcaag actggtggcg acgtcatcgc aaaggctcga cagcagatcg agcccaagat 420
gacccanaag gatctcgcta ccccgttgca acanccaccc aggttttggg cgctgatttc 480
gagcgaggta gcgccgcccc cgaccagaag gngctncggc gccatggagc gcgtactcaa 540
tgtnaagctg nnaggcaccg acattggtgc tncnaagttc ctaacangaa gaaatgatca 600
attcatgcct gattanaagg aaatatattg aacaag 636

```

<210> 881

<211> 611

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

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<400> 881
gttgccaaca atttttaaca aaaggaagga attgctcgaa cgtcttccc tctcgcgcc 60
acttetgcac cgctcgctt tccctccgct atcaatcctc taaatctgcc ccgcgatctt 120
tcatecgaga aacccttcat ctgcacctcg ctctcagag aaacaccaga caccatggct 180
gccgtcgcaa cagaagcccc caagatggat gagcaggctg acctcaccac catccccgt 240
cgaccccgct ggcaatgaag aatcttccga cgtcaaggac gaaaagcccg tcaactgttt 300
ccacgaaaag gacaacttca acgtcaagca cccctccaa aacaagtga ctctctggtt 360
cactaagccc ccgagcggca agggcgataa ctggaacgtt ctctcaagg aagttatcac 420
ctttgactct gttgaaaaat tttggggcgt gtattacaac gttgcccccg tctccgaact 480
ctctctcaag tccgactacc accttttcaa ggaangtgtt cgtcccgaaat ggggaagacc 540
ccanaacaag catggtgggc aagtgggtctt accagtacaa ggacaagcgc aacatcnact 600
caacgtctct g 611

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<210> 882

<211> 167

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(167)

<223> n = A,T,C or G

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<400> 882
tlectqqttd ccaaccdadg cagacaccca ttcttgacca acttgcatgc atgcttccaa 60
atagagaccc gtgtatactt cgtcalggag taagttagtg gtggatgatc gatggtgcac 120
attcagcgag ggcaggtcgg tctaancgtg cgcaattcta ccccggc 167

```

<210> 883

<211> 544

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(544)

<223> n = A,T,C or G

<400> 883

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gateccccatc	aagatgatta	cagcagcacc	agaacgcgga	cagatgatga	acctgatccc	120
ggagatcacg	tcaagagaca	ttatctactc	cgttggccac	accgaagcaa	catatgaaga	180
gacatctnag	gctgtgggta	aggggtgctac	aatgattacg	cacctcttca	atgccatgcg	240
cccacttcac	cacagaaacc	caggagtctt	tggagtcttg	ggcaaggccg	agagcttgcc	300
gcgaccgtac	ttcggcata	tctctgacgg	gattcacttg	catcctacca	ccatcaaaat	360
agcctacagt	gctacccaga	tggattcatt	ctagtcacag	atgcgatgca	tcttgnaggt	420
cttcccgatg	gagcttatcc	ttggacgaat	ggagacacac	atccaatatt	gcaaacgggg	480
ttttaagctt	tggtnagaa	ttccgataca	atggcggagc	tnaattctnt	acttgngngg	540
gcac						544

<210> 884

<211> 617

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(617)

<223> n = A,T,C or G

<400> 884

tgcgaatcga	cctctatcag	gaactctctg	cgcagccgaa	ttgcacgcg	cacaatcctt	60
gaagtatcat	atategactc	tacaatcgcc	gacaagatgg	gaaagaaacg	gcgcggtcat	120
cccgacatcg	aggaggtgtt	gcaccgtcct	tgggtgctact	actgcgaacg	tgattttgaa	180
gatctgaagc	ttctcatctc	tcataaaaag	gctaagcact	ttaaatgcga	ccgctgtggt	240
cgtcgtctca	acactgcagg	aggtctctcc	gtgcacatga	accaagtcca	caaggaaaaac	300
ctcacgcagg	tcgaaaacgc	gcttccaaca	gacaaggtct	cgagggtggag	atctttggca	360
tggagggtat	tcccaggaca	tgtctgacca	gcaccgtaac	cgtatccttc	agaactttca	420
caagcgcaga	aggatagaca	aatcgcgacg	ggaaaacctn	tttctggaca	ggggcatcac	480
agaagaagat	caagacgggg	accngatga	atttgaacan	aggttgngga	gtttaaacag	540
aanaagaagg	gaatgnttgc	catggaggcg	tggatccact	gctgntgtgg	tgggtggtgnt	600
ggttcttngn	gccgtgn					617

<210> 885

<211> 425

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(425)

<223> n = A,T,C or G

<400> 885

ccagcaccac	cgacaacttt	gtgcccacga	canccgacac	antggccccc	anqatatcca	60
agggaaagaa	aggaggnaac	aaggccggtc	aggtctgccc	ggccgntntc	aagggcacaa	120
atccccacaa	gaagggtcaag	gctcgntaca	gcacctnctt	ccaccgcccc	aagacctga	180
ccaccagccg	tgtctccaag	tacctttgtc	gatctgtccc	ccaccagcct	cgctctcgatg	240
agcacaagggt	tgtcatccac	cctctcaaca	ctgagagcgc	catgaagaag	atggaggana	300
acaacaccct	cgttttcacc	gtngatatca	aggccaacan	ggntcaatca	agcttgccct	360
ananaagctt	tangacattg	actgcctaan	ataacaccc	gatccnccctg	anggtlaacaa	420
gaagg						425

<210> 886

<211> 1066

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1066)

<223> n = A,T,C or G

<400> 886

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tccgccttga	ccgtctctcc	ttggcctgaa	atcaaccacg	aataacctcc	tgctgctttt	120
cgacctaccc	aagcgataaa	agcacaattc	actntttttt	ctccagcgtc	aatcatgtca	180
tcctacctcg	aaaagcaggc	aaacgccttc	cgaggcaccc	tctnctctgc	cgcaacgaag	240
atctcgaatc	cctcgacca	caaagccgcg	tccctggctg	taccatcatt	actagctcct	300
ccttcgcctt	ccccttcagc	tgctttctgat	cctaataccc	ctactacca	gcgaaaacga	360
gatgccgcgc	ccgaggtccc	ttactcgcag	ccacaactca	cgggctatgg	tgctgaggtc	420
aaaacccaaa	tgcactttgc	tgncgaatac	ttgaaaaaga	agggcgattc	aaagaccatt	480
acggaaaatta	tcgatcattt	gagtcctgaga	ggctacgacg	aagagcacaa	gcgccagctg	540
gcagaaggat	tgcgaggaca	tcccctgtga	gactggaagc	ccgatgcgaa	cttgagcgag	600
cagacctgga	agacaggcac	ttacgctcac	cgacccatca	tcccgcgagt	taaggacgca	660
accacccttc	tgggtcacct	gcaagcaaag	acagatgcgt	caggcgtgtc	ggtcaaagat	720
ctcaaggacg	gctggcccga	ctgcgaggac	acgatatcgg	cacttgagcg	cgagtacaag	780
atccttgtgg	tccgcacaaa	gaaggacaac	ctcccacgat	acgtatggcc	caacgatgct	840
tctctacacc	ataaggttca	gccagagttc	caggccatgt	ggcagcgcgt	tcagttaccg	900
cccctcgacg	agatgcaccg	caaactcacc	agcgtcgggc	aaaagcctcc	gagcgaggac	960
ccgcgcaaga	ccaaggaggg	acagggcaac	aagcccaagg	tgcaaaaaan	gcgcagggcc	1020
acaggatcgg	aaaggcgacc	aatgtccaca	tggcgcattt	atgagg		1066

<210> 887

<211> 665

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(665)

<223> n = A,T,C or G

<400> 887

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aatctcaaaa	tcattgngca	agacccccga	gctctcctcc	aaaaggctca	gaagcagctc	120
caaagtgcgc	gtggcggtct	cagcttcttt	gggggacgag	aggataagta	ccaagaagcc	180
ggcgatctct	ttaccocaggc	cgccaatgcc	ttcaagatgc	aacaacagaa	cctcgaggcc	240
ggaaaaggctt	tcgaacaggc	cgcgcaagtc	cagaccgata	agctcaagga	gcccgatgat	300
ggcgccaaca	ccctcgtcga	tgcatTTaag	gcctaccgca	aagacgatcc	tcaaggctgc	360
cgcgaggtgc	ttgaacgttg	ccgtcgatcg	atactgcgcc	aagggttaact	tccgtcgcgc	420
agcctctcac	aaggagaacc	ttggtgagct	gtatgaggtg	gatctcggcg	atgcgaagag	480
cgcgatcgaa	tgctacgaac	tcgctgccac	ttggtacgag	ggcgataacg	ctgctgcctt	540
tgonaacaag	ctatggctca	aggttgccga	tgtggccgcc	ctcnnaaaaa	gattactaca	600
aggnttttga	gaaatacnaa	aagggtggctg	ancagtcaat	caacaacaac	ctcatqaant	660
acagc						665

<210> 888

<211> 604

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(604)

<223> n = A,T,C or G

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<400> 888
cgactctcag aaagctctct ctgagcttct caattctcgc atacgaaacc acttttttagc 60
tgttttacccc tcgtcagcca ccgtcaccat gacgtctctac tacactcttg tctttatgct 120
tctcgtcttc gagatggggc ttttcatget cctgggtcttc cccatgccct tcaacgtcaa 180
gcgaaagatc tttaccttca tttcagagaa ccccgctcgt gccaagattc agtattggat 240
gaagattacc ttcattcttta tcttgatcct ctttgtggac agcgtgaacc gtgtctaccg 300
tgtccagctc gagctcgccg ctgcctccga acaggccaag cacggtggag gtgccgccgt 360
catgggtcac gagcgtctcg aagtccaggc tcgcaagttc tactcgcaac gcaacatgta 420
cctttgcggg ttcacctctt tctatcact cattcttaac cgtacctacg tcatgatcat 480
cgaggtgatg cgtcttgagg acaagggtccg ctcttacgag ggtaccaagg agaacaccaa 540
ggaggccgag aagctcgctg ccgccggtaa gcccggtgag ctgccccgtc ttcgaaanga 600
gctt 604

```

<210> 889

<211> 758

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

```

<400> 889
cggacggtga caggctcgagg ctgatatttt gacaaaacac tcgtcgacac acttcgcaca 60
ccacttcgaa gctattcaag atgtcgtcgg gcaagggttaa ggctggagag ctctggaaca 120
agtccaagga tgatttgaca aagcagctcg gtgagctcaa gaccgagctc ggtcagctcc 180
gcattcagaa ggctcgttct tccggctcca agctgaacag aatccacgat atccgcaagt 240
cgattgctcg tgctctgacc gtcatacaacg ccaagcaaag ggctcagctc cgtttgttct 300
acaagaacaa gaagtaacgt cccctcgacc tccgtgccaa gcagaccctg gccatccgnc 360
gccgcctatc acccgatgag aagtcccgcg tgctcgagaa gaccaagaag cgcactgtcc 420
acttctctcag cgcaagttcg ccataaagcg ttaagttaaa aatgctggta gttcttgggc 480
tgtgacggac actgggtaga anggaaacgg ggtatggagg gcgtcgcggtg ctttttcttt 540
gacaaaactt cgaaatctgc atcgcattgg tcagggaatc tcggtctgac ttgtacttat 600
ttcccggttt gggtctcgat ctgggacggg atatgtccac aatgggctgg ccgtaggcag 660
tcttaaaaaa caaaaatgag gtcaaaaaaa aaaaantaaa aaattnttgn ggccgtnag 720
cttgcatttt anaggncca attngccttt tagggggg 758

```

<210> 890

<211> 595

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(595)

<223> n = A,T,C or G

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<400> 890
gcctcgtctc cgacctctcc tccacatcaa atcacatcca ccatacctac tctctttctac 60
gcagagagaa tcccgacaca taatttatbg ataaagaata gactgagctc caggctctta 120
gttctccagg atgggtcaag gtcaatctgg catgggagaa gggggacgtg atgacaagga 180
caagaagaag gataagccca agtacgagcc tccgccagg cctacaacac gagttggctg 240
caagaagaga aagggccggtg gcaccagcgt cgcacaaaag cttcccgccg tctacccctac 300
tagtcgatgc aaggtccgac tcttgccgaat gcagcgaatc cagatcctc tcttgcttga 360
ggaggaatac gtccagaaac aggagccgtc tcgcaaaagg caaggcagcc aaggaggggc 420
aaacccgtgg caccgatgct gacgttgacc gtttagcaga tgagcgcggt cgtgttgacc 480
atatgcgang aagccccatg ggtgtcggaa cccctggaaa agctcattga tgatgacct 540
gccatcgtta gtagcacaac ccgggtccga glnctacgtt agcatcatga gcttc 595

```

<210> 891
 <211> 519
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(519)
 <223> n = A,T,C or G

<400> 891
 cagcaaaccg gatattatcc aagtaccage aaccatcca caaccgcca tatgagtgt 60
 caacaactca acatcgacaa cgcgcacett gagaagctca acgataagga tcgcaccgag 120
 ctctgccagt ttctcgccaa cgaqcaqcaq cgttctcaqa tccaagccca aactcacagc 180
 ttaacacaga tgtgtgtggc caagtgtgtt cccggaaaca tcaagaactc caagctcgac 240
 aagcccgagg agacatgttt ggccaactgc gtgcagcgat ttcttgacgt caactacctc 300
 acgatgaagc acctcaacgg catgcgcaac taagcgaata gtttcgacaa gtagttttgg 360
 gggttatcaca gatcatgtat gatgaaattg gtgtataatt agacnggact tgggttggtt 420
 gggaaatcta aaccatatcc aggtgtgtca cttttgtctg gtgcagantt tgacgatcgt 480
 gatgtgtcaa tatgaaagaa taagattttc gacccccgt 519

<210> 892
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 892
 ctctcttggg acgttaattg ctgttccagc tgttacgtgt cttctcatgg ccttgcaatg 60
 gggaggcacc aantttggct ggggcagctg gcanattatc ttgectcttg tcttttgccg 120
 gctgctgttt actgcattcg ggtacctaca ataccaccaa ggtgacaagg cctgtctgcc 180
 cccgagaatt ctgaagcaga ggagtatcat cgcgggcatg tggtttgagg catgttgcca 240
 ggggggttctt gcggttacag aatactacat gtccatctac ttccaggagg tgcgaggata 300
 tacacctacg aaagctgggt tgcttgctct tcttatggta ggcggttgt ctatcgctt 360
 tgttattttcc ggcttggca cgacatggct tggatactat taccattca tgctggccac 420
 aatgtcttga ccccatcata tcaagccttc tcacaactat aactttgaag aacagttaac 480
 caaaccatta tctttttgtc ctttttaagg ctgcctgtc ttngtctcna tatccaataa 540
 taacttcaa ccattctccc catgaaaant ttctcttgggt gaacaatttt g 591

<210> 893
 <211> 465
 <212> DNA
 <213> Fusarium venenatum

<400> 893
 aagcattctt cgcbaacaag aggaaaagt gatgaccatt cttgaggcat ttatatacga 60
 tccaacgttg gacttgcaga aagaaaaacg tacacatcgg agaggagatg taggggtcaa 120
 gcttcagcct cagagcgttg tggacagcat caaacgcaag gttagggggg tgcctccaac 180
 tgaagcatt cctctgggag ttgaaggcca agtgggaaga ctgatcaaac aagcggttga 240
 tcccgaaac ttacttcaa tctatataag ctggtgtccg ttctgtgag aaaggaacaa 300
 gctagaaaaa agaattggcg tgggttgaat gcatgcaagc aagaaaaggg ctgggttaact 360
 cacaacacat tgaattttta atatgctgat tttaattaaa cgaacccctc tttgaactcg 420
 ccttattaat attcattgtg cactaaatca ataaattatg tctct 465

<210> 894

<211> 439
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(439)
 <223> n = A,T,C or G

```
<400> 894
tgnaaatnag ggntcccntc cataanatta aaatcccttt ttacacaacc cctccgaaga      60
tcacccacaa cccgtcatgc ggtcgtatta tagcactatg atgcgagcag cgagatacta      120
tggcatagag gacattcgtg tcgagcaagt tccctctgct tctgtaaagc caggacaagt      180
caaggttgct cgggcgtttg tcggcatctg cggaaacgat ttgcacgagt atttaggagg      240
cccaaatttc tgcccacaga caccnatec catcaccaag gaatctattc ctgtcacccct      300
tggacaagaa tctcttggga tcatcactga ggnccgtcct gacgtcgaag gctttgaagt      360
cggcagccct gtgctattca ccaacgctat tctgcggcac tgngcagttg ccacaacccat      420
gucganaatg tctgcacag                                     439
```

<210> 895
 <211> 576
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(576)
 <223> n = A,T,C or G

```
<400> 895
gcgctgtggt attcaatatg tcgctcaata tccccaacgc ccctaacgcg ggtctcttta      60
agcagggtta taataagtaa gttgtctttt cttggtcttg cctttactcc cctccttggt      120
gctacttctg cttgttgctg ggcagctccc cgctcttta tgntgtctct cccgtatcca      180
acttcatgac tacagccttt ttcaaaaaca ccaaaactaac aagtctccct tcttctctac      240
agctacgact ctgaaagatg gtgccgtcct ccgcaacatc gacgcctgca gagcaattgc      300
gtccaccgtc cagaactctc tcgggcccta tgggcgcaac aaggctcgta tcaaccatct      360
gcaaaaagang antcttacct ccgacgctgc taccatcctc cgagaactcg aagtcgtaca      420
ccccgcgcgt aagctccttg tcatggncag tcagcaacag gaagccgaaa tnggtgatgc      480
caccacattt gtcacgtctc ttgctgggcg aactgctccg aaaactgaag anttgctacc      540
atgggtctca ananatcaaa atatcgctcat cngggt                                     576
```

<210> 896
 <211> 617
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

```
<400> 896
ttcaatcttc caccaccccc gacaacacac caaactttac tatccgatag cgcaatatcg      60
cacagccatg ccaccttcgt catcaaacac agccgctgcg tcgcgaagtg cgagtaagcg      120
atgattataa gagctggaga catggagtag agaacaataa gaagagaagg gcattgagcg      180
ccctgggcct gtcacgaag gcgatttgat ggagtgaggaa gctgtcatca atggacgggg      240
tataggacaa gggtatgatg aaggacgctg gcttgtcaac atctccatcc catcgacata      300
ccctctcgca ccgcacaaaga tgacctttgt tacacctatc gtgcacccca acattgcgct      360
gcagaacgga gaaatctgcc tcgatcttct caaggtatgc tggactccag cttatagtgt      420
tcttgaatgc gtgngcgcgc tgcgtatggt gctttggaly tcccgagacg gacagtcctt      480
```

tgaatgttga	cgtcgcagcg	ctgntgcgct	cgggcgatgt	gttgggggtac	cccggaagct	540
agtcgagttc	tgggtgntcg	ggaattnttg	attcgagatc	caagggggcca	tgatatgtcg	600
gttcgactac	gtttgan					617

<210> 897

<211> 586

<212> DNA

<213> Fusarium venenatum

<400> 897

attacagctc	ccacctttta	cacgctctca	acataaaaact	tccttttgca	tggaacgatca	60
acaattacca	gcggtctctc	agcagccgcc	caagaaaagg	tcaccaccct	agaacctcac	120
gacccaagcc	cccaactccc	ggaaacgagg	aagcctctgc	gaatctcaat	ctcggagagt	180
tccaggatgt	tgatactctg	acaactctcg	aagctgctct	ggttctaaac	gctctccacg	240
ccaagcgaaa	gaatgaccgc	cgaaacgtta	acaacaccga	galgttgaac	tcgactctca	300
cttactctga	taactttgag	cgattcacgc	aaaaggagaa	cgtagaagct	gttgagcgtc	360
ttctcagcgc	acacaaqaat	cttgccaagt	ttgagcgcgc	acagctgggc	tccttatgct	420
gtgaaggagc	cgacgaagcg	aagacactga	ttccttcaact	ggccgacaag	atctcggatc	480
aggaccttca	ggattttgct	gacgagattt	ctaagctcca	gactcgatga	agcgtcact	540
gcactctacat	aacgagactt	tgttcaaact	caacacccaaa	acgaag		586

<210> 898

<211> 941

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(941)

<223> n = A,T,C or G

<400> 898

tcttttgtaa	caaactgatg	gggcctttct	ctgcaattaa	catgtcgtca	tacaaactca	60
ctccattaa	aagcttcgaa	ccactaaata	ttncgtctca	ttggtcaccc	cccacattat	120
cgtctggcag	ggcatgggaa	tgaattggga	agcttccctt	aagggtgggt	gaatgcttgc	180
gtttttgggc	acctaaaaaa	ctggcgcttc	caatgggcgc	ccatgatccg	ttctttccct	240
ctcggtctct	ccactggcgt	ttcccatcat	cccacctccc	ctcccccagg	cttcccctac	300
tttaatacga	cttgatgcgt	ccttaccttt	cctctagaat	actccaaagc	tttcgcacag	360
ctcggataca	gactcctctt	cctctagcaa	agtccttttc	cacatacaga	gcaatgtcgc	420
aagaatacaa	gctcaagggt	ctatcgtccc	tgtctctttc	tccaggctct	aagcaggaag	480
tcgaagtcca	aggtgtcgaa	gatggcaagg	ttctcctcgt	caacactgga	agcacaacac	540
aggttttagg	agccaaatgt	actcactacg	gtgcacctct	ggcaaagggt	gtgttgacca	600
gtgaaggctg	tatcacatgt	ccctggcacg	gagccclgll	caatgcaaag	accggcgata	660
tcgaagatgc	ccccgccttt	gacaatctcc	ccgttttcaa	ggttgccgaa	cgagacgggtg	720
ccgtttacat	cactggagaa	gagagcgcca	tcaagtcttc	caagaaacaa	cccaacgtca	780
agtgtgccgg	atccagcagc	gcacaagacg	aacatgtcgt	cgtcgtcggn	gggggctcaa	840
gtacattggg	tgttgnccaa	antctttccc	aanaagggtt	ggaanggaag	aatcacccgtc	900
gtgtotaacg	aaaggaaaact	ccccaatcga	cccgaaacga	a		941

<210> 899

<211> 799

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 899

ggccatcggt	gctatcctcg	ctctcatgat	ctgcgacgcc	gacaagatcg	tccgggagga	60
caacacaaag	gtcatcgta	tgaagaaccc	ctcgtggagc	acagagatca	agggcctctg	120
ggagactctc	tacagcgac	cctgggtcgt	cctcctcttc	cccatgttct	tctcctccaa	180
catcttttac	acttaccaga	acgtcaacat	gaatctcgcc	cagttcaacg	tccgcacccg	240
cgcgctcaac	aacctgctct	actggctagc	ccagatcttc	ggtgctctca	ttattggcta	300
cgcctcgcac	atctcgagcg	ttcgtcgcag	cgtccgcgca	aaaatctccc	ccgcgcacct	360
gtttngtcc	gaactttggc	aatctggggg	tgggggctac	cctgggcaaa	aggataagcg	420
aaacccccaa	gacgctatg	aaaccccccc	aatgaaagaa	tgaacaagat	cgaactgggg	480
aacgaacggt	gccaagcgaa	ttcgtccctc	cccatgttcc	tctacttttt	ctacggcttc	540
ctttgatgcc	gcctggcaaa	cttgcatact	ctggtacatg	ggcgctctct	ccaactctng	600
ccgcaagacg	ccaactttgc	tggtttctac	aagggtatcc	aatctgcagg	cgctgccatc	660
ttctggcgta	tggatggtct	cggcaagcca	ttcgacacca	tctttgcgcg	aacatgggcc	720
tgcctcggcg	cctcgctcgt	cacgctgcga	ccagtgattt	tcatgaanat	caagattcca	780
tctccctgga	aggaagacc					799

<210> 900

<211> 577

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(577)

<223> n = A,T,C or G

<400> 900

cttgetgtag	ctgtcgacct	eggtcttggg	ccccgcattg	gtggtgtcga	aataatcggc	60
aataagaggt	gtcatatctg	acttctcgga	attcgtgtgc	gaaaagagca	gcttctgcgc	120
agggaccgag	ccggaggagt	agattatgat	cttctttcca	ctcttaatgg	cttcgttnaa	180
gaaggtctcg	acatccggga	agaggggagc	gacgatgttg	ccagactcgt	aacctgcag	240
ccagaggtat	ccctggagcg	acttgaggta	cgtatctctg	acatcgcgct	tcacgagatc	300
gcggacgtga	gcttcaaaat	cagaaggcga	gttgcggtag	tcttcgggga	aagcatcacg	360
gtactttgca	aactctggac	tgtcccactc	ttgttccaag	actttgggaa	gtgcttcgag	420
tgcatacggg	aactgggtac	ggcgaacaga	ccttgggtcag	caggctgcac	tgttgttgac	480
gttgggcaca	ctatcgcgaa	tcggggcaaa	gtcngtgaan	gggtcaaaga	agctgggggt	540
gaatganato	tgggttccaa	agaaaaaatt	cagatgc			577

<210> 901

<211> 586

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 901

cgaagccctt	agccaggcat	tccctcccaa	gcctcatttc	accqaqtcta	acqtacccca	60
tctacagga	aaggtaagta	ttgtcaactg	agcaaacaca	ggtgttggtc	gtgagatcgc	120
acaggtctct	tacagcaaaa	atgctactgt	ctgggtagct	gctcgcaatg	aaaagaagan	180
tgcgatgct	atcgagggca	tcaagaagca	tcacctgca	tccaagggtt	ccatcaagtt	240
tctcaagctt	gatctcgcag	acctgacaac	tatcgggtcaa	tggccaaag	antttcttgc	300
ccaagaaaca	agactcgatg	tcctgttcaa	caatgctggt	gtcatgacct	accagaaggc	360
tcaagagagg	aggaaggata	tgaactccaa	ctagantcaa	ttgcttgggc	caattcttat	420
tcaaccaaac	ctcaccctct	tcttchatca	acatccaatc	agcacccaaa	acctgtcttg	480
tgattttggt	tcaatttcac	tgcaattttt	tgcctaaga	cgtttcaacg	tnatatcttg	540
aataccatca	cgcncacct	gatgcccaatt	ttctacaacc	aggggn		586

<210> 902

<211> 604
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 902
 gcacctctcg ataagacctc atcataatcc accgcaatca tgtccgcgac aaaggagttc 60
 accatgcagg atgttgctga gcacaacacc tccaaagaca tctacatggg tgtccacgag 120
 aagggtctacg actgcaccaa gtctctcgac gagcaccocg gtgggtgagga agttatgctc 180
 gatgtcgccg gtcaagacgc caccgagggt ttccgaggatg tcggccacag tgacgaggcc 240
 cgagagggttc tcgatgggtct ccttggttggg gagctcaagc gtctgctggg gaagagggcc 300
 ccaaatgcca catcgaaact naaacccaggg gaggggncag gatcctaccg gctcagcttg 360
 accttttacg cttttgttgc gctgcggtt cgcncctac atggggtaca actnctcaa 420
 aagcaaaacg aggcccaagg ctccgcataa gtgtctnacc tcantcttaa cgcctgagga 480
 cggngantat aaaaggggnc tttgtgattt gttttgcatt caatgccggt tacngatgat 540
 gaccnacatt tgcttnggga gtttttttgc ctgaggnaaa agccgtcgaa naaacgtgct 600
 tgca 604

<210> 903
 <211> 590
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 903
 agtcaattac ctatttaatt gttagagtcoc cctaattgata gtatggaaca aaaacaacaa 60
 agcaacaaca ctacaacacg agtcgatcta gaaacaggaa atcacagaaa ccaatatcta 120
 tcaacatgtc tcaaaccaac agcagcacca acggtcatag caacgggcac aatgcctcta 180
 ctatctccag cgtaccaag ctctgtcaga ggctagagtc caacgatatc ctggtcgcac 240
 cgggtgttta cgaagggttc agtgcacgta ttgcgcttga ggtgggattc gagtgcctct 300
 acatgaccgg agctgggtact gttgcacgta agcttggcca gcccgacctt ggcttcgcgt 360
 cctcaacgac atgocggaac acgccgagat gatcgcaaac ctcgacaatt ctgtaccttt 420
 gatcgctgac gcagataccg gctacgggtg ccccaatatg gtggctcgaa ncgtcgcgca 480
 atctacccgc totgggtgtg ctggncctca cattgaagat caaatccaga acaagcgatg 540
 tggtaacctc cgtggcaagg ccgtgggtcga tctnaaaact tgaacagcg 590

<210> 904
 <211> 449
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 901
 ntggcaaaaac caacggactg tcttgtgcgc caccaactcc agaggggagac ttttcttaca 60
 acactgtttt tggccaacgt tctcttctnt ctggngaaaa ggtacctcag aaaatagacg 120
 acattctatg tcttgccttc ggtncaaaat tcccaaccag cattgntgct ctacagtgtg 180
 ttgaagaagg tcttcttntc ctnaaaggan acttgtcaac tgtagcccca gagttggccg 240
 aaaagaaagt totgacagga tgggtctgaga atgatgaacc attgttggaa gaacnctccc 300

anaaaatcac	acttgaaatg	ctgcttacgc	atagtgtctgg	ngcgacgnac	gacttttnta	360
catccgttta	ttgggaaggg	gngngcccaa	tntaaaccaa	ngatccaggg	caaaaagaat	420
gtcgaaaana	cttttattta	tntcttttt				449

<210> 905
 <211> 510
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

<400> 905						
gcccatttct	ggtacctacc	acgacgagac	tttggaaaac	ctcatgacog	atcttgatcc	60
ggagaatgcc	aagcagttct	atctgtcgca	cgcgagtgcg	gtcgcaagcg	acaagatggc	120
tgcgaggcca	aagaatgctc	gcaaggaagc	catcaatagt	cttggtggac	ttggcgagga	180
tggtgacgaa	gtggacgttt	tcgccaatga	cgtcgacagc	aacatgcttg	actctgtcga	240
agctctcacc	accgaaggtc	acgcattggg	aactgtcgtt	tcgganantt	gcggcctctc	300
cagcgtctac	caacatccca	gtatcccgcg	cccgagtggg	ccgtacttgt	tcagccccctg	360
cggctttccg	ccaacgggtg	tggtctcctc	cttcttccgc	cgaaggaagc	aagggtgaca	420
ctactttacc	gtccacgtcc	tcctganccc	cntgttcgtt	gctcttcnan	aacaacttcc	480
cgggtggaaga	ntggacnaac	ccccgaatc				510

<210> 906
 <211> 609
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 906						
tttaaacaga	agantatcct	cacctcacc	ttctccctct	ctggtgtcct	ctgttacaca	60
acatctcacc	catcttacat	caaccatggt	cgccaaagcc	atcactgcct	ttgcccttgt	120
ggcacctctt	gtctcagcac	agactttcac	aagctgcaac	cctctcacia	cttcatgtcc	180
tcctgacctt	gcttttggca	aggacaccgt	ccactgtgac	ttcacaaagg	gagcttgtec	240
agcttttgag	gaagacgccc	gtacatcaat	cagtcacaa	gccaacgggtg	ccgtctttac	300
aatttctgga	cccaaccaag	cccctacagt	tgccacgggc	aagtacatct	tggttgcccg	360
tgctgatatt	gaagtccaag	cttcttccgg	tggttggtatt	gttaccacag	ctgttttgca	420
atctgactgt	cttgatgaaa	ttgattggga	atggctagga	agtgacaatg	ttcaattcaa	480
tcactactc	accaagggtg	cgtgagcact	acaacgaaga	cttcacctg	tcgaaaaccc	540
catcgaaat	ccnctctact	ccatgatgag	nggaccccc	agccgttaac	tggtatcatn	600
acnatgttg						609

<210> 907
 <211> 633
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(633)
 <223> n = A,T,C or G

<400> 907						
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ctatttcctat	gcaacgtctg	ggcgggtcgcg	ccttttgccca	tgatgacgat	aatattgagc	180
aagagtagca	ccgattgaga	gacctggcgc	gagccgaggc	aaagaagcgt	aacgactgct	240
ttgctcgctc	acgtcaagcc	tatgaagatg	gagatggagc	tgccgcgcaaag	gagctctcca	300
accagggcaa	ggcccacgcc	gcgcgcgatg	acgactacaa	ccaacaagcc	tccgaattca	360
tcttcggga	gaacaatgcc	tctggacgcg	tagaggccga	ctctatcgat	ctccacggcc	420
tctacgtcga	agaagctgag	agaatactcg	aagagcgcgt	tcgttctgac	caggccaatg	480
gccaaacaca	tctgtacgcc	atcgtcggca	agggacacca	ctcttgccgg	tggtgtccgg	540
aagctcaagc	cccaaggctg	aanaactgtg	ccaagaactc	gggctgcggt	nccaaacaga	600
caaggaccac	cccnggaggg	taatcatcaa	cct			633

<210> 908

<211> 643

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(643)

<223> n = A,T,C or G

<400> 908

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ccatctcctc	cacgactacg	tctataattg	tcgcattctt	ttgaattgct	aggagtttgg	120
cttgttccga	cctgctccaa	gctaccccg	tgatcatattc	gccaacgaca	agatggccac	180
accagctccc	cccaggagcc	aagctcgctc	gcttgaagat	gccctggttg	cagtgcgtca	240
gcagacttcg	ctcatgcgca	aatgtctcga	cacaccggga	aagctaattg	atgcgcttaa	300
gtgctgctcg	acccctgttt	ctgagctccg	taccagcagc	cttgggtccc	agcaatacta	360
cgagctgtac	atgtctgttt	tcgatgccct	gogatacttg	tcgtcacctt	cgcgaaaacc	420
atcctgtcaa	tnoctaccga	ctctacgagc	ttgggtcagta	tgcangcaac	atcgttccgc	480
gaatatactc	natgaatacc	gnnggaacgc	ttacatnggc	attgaggatg	cgcacctcaa	540
ggngctcatg	aaagacatga	tggacatgaa	tcgaggnngt	taacatncta	tccggggggcc	600
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<210> 909

<211> 550

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(550)

<223> n = A,T,C or G

<400> 909

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tttaccgtct	ttgttacaca	acaccagccg	ggttactccc	agcactgaag	acaaccacca	180
ctatgttccg	ttccagatct	cacagcctcc	tggtgggggt	tggttatctc	gttgcctctg	240
tttcggcgcc	cgttgccttc	gganctggta	acattgcctc	aattttccaa	gtngaaggtc	300
ajaaactggcg	ccacggcgat	atcaactgat	cactcctgat	cctgtccagg	cccaggetct	360
caatggcaag	aantttaaca	aaatcaacgt	ctctcgtgtc	tacttcggaa	actggcttcg	420
agjattatct	aggccatcga	tgtctgtacc	gtcaantctg	tttccqccga	agccattcgc	480
ctcttgcctc	gagttctcng	tttcatgaac	ttcngttatg	gttctggcga	atttgaagggt	540
cttgcggaac						550

<210> 910

<211> 683

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 910

ccgacctaga	tctaaacttt	tgcaaccttt	cagactcaga	ctcagactct	taacaaactc	60
gctectacac	cctcacacat	catccatcat	gtcgtggcaa	gcatacatcg	actcaagcct	120
cgtcggctcc	ggtcacatcg	acaaggcgcc	cattatcagc	gccgctggcg	acagcgtttg	180
ggctgcctct	tccgacctcc	agctcaagcc	tgaanagatg	aaggccatct	ctgccattgt	240
tggcgggtgac	accaaggcca	tggaacaaggc	ttttgccgaa	ggtctctaca	tgcgggtga	300
gcgatatggt	atggcccgag	ctgagggtcg	aagtatctac	gctcgatcgg	gtcgttccgg	360
tgtcgtgtgc	gcaaagacca	cccaggccat	cgctcgtcgc	caccacggcg	aggcccaggt	420
cgccggtaac	gccacctcta	ccgtcgaggg	tctcgccgac	tacctcatca	agtcgaacta	480
ctanataattg	gtttgtgtgc	aaggcaaggc	gaagaaagggt	ttttggggcg	aattatctgt	540
caanaancgtc	ataaaaaacn	ctgtatgtcc	gtaaaaccgga	tagtcaacgc	anctgtaacg	600
agcttatgco	aagaggagcg	agcccccttt	gtttttaaaa	acactggggg	ttgaaccttn	660
aanctttgag	tgtttgggtg	tnt				683

<210> 911

<211> 736

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 911

cgcccgctctc	gtcttccana	acctncaaaa	ggctcatctcc	tacctttcttc	ccgccggtag	60
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cgttttccctt	atgatcatca	tctgtgtctt	taccgatctt	ttcctaagtc	tctcacttat	180
catggagaag	gaggaattcg	atctttctatc	tcttctctct	cgcaaccaca	agcgcgatca	240
tnntatcaac	accaagatct	acacccaagc	ctacctattc	actggtttca	tggaagaccat	300
cactgcgcac	tccatgttct	ttctctacat	gtggaagtac	gccaagatgc	ccgtgtcgga	360
acttttcttn	ctttttgaag	gttactcaga	gggttatcac	ggctacacca	aggatgagct	420
catcaagttc	aacaacactg	gccagtggtg	ttactttgtc	acactcgtgt	tccttcaatg	480
gggtaacatc	ctcgtgtgtc	gaaaaccgcg	ttgagtattt	tccaggctag	tcctttgagc	540
aaggctcaco	gcaacccttg	gttgattctc	aacatgctta	tcaagtttgn	gcattgccat	600
ttttgncacc	gaggtcctgg	aattcaaaaa	ttgtcgatac	aaantctggg	cccaatgagt	660
tttgggtcat	tcttatctct	cttgggatgg	gtattctggn	gggggacaaa	aataaaaagt	720
ntttgggana	aantat					736

<210> 912

<211> 361

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 912

ntgaactact	anttggcatt	ggcaaattgg	aanttggctt	gccacttatg	cgtttnggaa	60
gttcgatgac	ttttttnggg	gngaaactcg	aaaaacagtt	ggcgaaaaga	ccaanaaggc	120
tggtcttgaa	tacgagggtg	agtttgacag	cagcaaaatt	actatgaagc	gatgggcca	180
gtttgagcgc	gacaagcggt	caagaaagtyg	ctactggggc	tgcggtgaaa	acgtganccg	240

ggggtggngg gacaaacctg gaaaagcccg ccaggtcacc aatataatga ggagtattat	300
tctggatgct tnaattcttg gacgcctttt ggnttacngg atttaagnat ttttgaaaac	360
c	361

<210> 913
 <211> 592
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(592)
 <223> n = A,T,C or G

<400> 913	
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attttttttt tcatTTTTct cgcaaaacaac ctccacgtac ttgaagttac acaacttgcc	120
caaaatgcct ctctgtcttg ccatectcga agccgacacg cctcagccgc aaactcgca	180
tcgtacggc ggctacacag gcgtctttac cgcactctc gaagcagcg ccaagcctca	240
gaagctcacc gacctcgtca ccatacaagg ctacgacgtc gtcaatgagc tgcactcgta	300
ccccgcgtc gacgacatcg atgcgatcct catcactggc tcccgcacaca cggcattcga	360
caacgacctt tggatcttga agttggctga gtacacaaaa aaggccattg cttcgaatcg	420
agtgcgcgtc gtaggcgtct gcttcgggtca tcaaattgtt ggtcgggctg aaggcgccaa	480
gtgcggaaaa agcaacaacg ggtgggaagt tgctgtcaca gaagttgaac tgacagccaa	540
gggtaaagaa ntatttgggt gggaaaagat gcgcattccc cagatgcac gc	592

<210> 914
 <211> 548
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(548)
 <223> n = A,T,C or G

<400> 914	
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cgaacccttc gaaataccga catcatgagc ttctgcaccc gccgagcgt ctgcacgtc	120
attctctcca aggtcgtctt tcccaaggcc attggcgccg cccctgatgc tatccgcatg	180
cagcgtgtcg tcagcttcta cnanaagctt ccccggtgtg cgcctccga ggtcaaggct	240
aagggtcttc tcggccgata ccaggccaag cacttcggca agaaccctac tgccaagccc	300
atcattcaat tgattgtctt ccttggcggg attgggtacg cccaaaacta ctactttcat	360
ctccgccacc acaagaacaa cgtcactaa gcgatgactt tttgatacct taaacgggtc	420
gttgtgtgaa aaggaacggg ggtcgtgtac atataaactn cggaaacttc gcgggcgaat	480
acgcgcctt aacttccta tgtatctnta caagcaagtg aaggacact actatcacgt	540
tttgggtn	548

<210> 915
 <211> 632
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 915	
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ctagagtagc	ttcagtagct	gcagtatgaa	ccagcgacag	cgacgaagcc	caccatgagc	120
aaccttcaac	cccccaacgc	cgccccagcg	tcacccccat	caccacagcg	caaggacggc	180
ctacgatacc	ccagcaatgg	aaagaccatc	taccacagac	cattaaacag	aaccaaggcg	240
gctgagctga	gccaggccag	ttttgcgtat	ctgtttggcg	agatggtgac	gtatgcgcag	300
aaacgggtca	agggcatcca	ggagctggaa	caacgtctta	acctacaagg	tcattctatc	360
ggcctcaaac	ttctggacct	cctcctcttc	cgcgaaccag	cgcgcacgca	aaccgcctct	420
ctaggcatta	ttcaactgct	acactttatc	aagcagaaca	tttggcagca	cctctttggg	480
cgacaagcga	aaactctcga	gaagtctgcc	aaccccgaaa	cgcccgacga	ataccacatc	540
atcgataacg	agccctctgt	gaaccaatac	atcagtgtgc	ccaaggaaat	gagccagttg	600
aactgcgcac	cgtttgtanc	gggcgttgtg	ga			632

<210> 916

<211> 620

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 916

ctcacaaaac	aacttcaatg	ctccagtcga	aatgtcctcc	atcaatttct	ctccagacac	60
cgacatcccc	agtctcaatg	gcaaggttat	cctcatcact	ggaggaaact	ctggcctggg	120
tctggaaaagc	acccgacaac	tcttgaaaaca	cgaccctgcc	aagattttcc	ttgcatgtcg	180
ctccaaagca	aaattcgatc	aagccatcgc	cgagctgcaa	gagcaaggct	caaatacaga	240
tgtctgtgat	tttttttccc	tgaattcttg	ctcacttgaa	agcattaaat	ctgctgtcaa	300
agaattccag	caacagtcga	ctcgcttga	cattctcttc	aacaatgccg	gtattatgat	360
gacacccgaa	ggcctcactg	aggaaggata	tgagggtcaa	attggtacaa	accatatggg	420
tcacgctttc	ctcactcact	ttttccttcc	tctgctcgag	gagactacta	agctcaaccc	480
tgatgtgagg	gttgntttct	cgccctcgatg	ggtgaagcca	tgtcttctaa	gaacccttac	540
caattcgagc	agttcaagac	taccatgccc	aacctatcaa	gctcatcccc	ttctctatct	600
cgaagctngg	caacgtccat					620

<210> 917

<211> 1092

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1092)

<223> n = A,T,C or G

<400> 917

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aagataaccag	ccatgtttgt	tgaaatcagg	cttttttgata	cgccagtgtt	gategcctcc	120
aattcatctt	cogtcaaccc	ctttcgtgca	tatcgaaatg	tcacgatccc	cagactcgcg	180
gagctgaaga	tctcccaatc	attcagtttg	cgcgaattctt	cttctgctct	ctcagctaag	240
caaaatccat	gataaatcat	ctttcctagc	ttctcttagc	caataacccc	cugtgtgaaac	300
caagcttcca	tggcccgaga	cgcaggagct	gtgagctcca	taactataatt	ccaaaagtgtg	360
ggaaatttct	catctctcat	cgcacacgcca	tgcgctagat	aatcgccctca	tttgcaaaagc	420
tggcaaccag	gttggccttg	tcttttacta	acaaacaaccc	anaagctgta	ggtttgggaaa	480
gaagccattt	atgcocgtcc	atgacatact	ggtcggggct	acttttgagaa	ccatccacccc	540
gttttctctg	aggtgtaagt	cgaaaaaagt	cgttttgagcc	gcccgtatgc	accatctaca	600
tggcagccaa	agttgctccc	cgttttgata	tatccgagag	ctgggtccaac	gggtcgatgg	660
cgcacagtatt	tgggtggtcc	gcaagtggcc	aaccaccaga	aaaggnacaa	ggccggctttt	720
tggggcctcg	ggtatcgcca	tcttcaaaaag	gctcgggttg	aaattgaagg	actcgtcggc	780
aggcaaaaata	cgaatctggc	ctttgtcgaa	accgagtnaa	cgcanggctt	tggcgacaga	840
ataatgaqtc	tggtcaaaaag	agataaaacaa	cgcctttgtg	cgaatcgcca	tgtggacaaa	900

gcngtcgcga	gcgaatacaa	tggccattaa	attcgn catt	gnaccacccg	aaacacaaat	960
accnccccga	gntgaangga	attcnacttt	gggaagccag	ncactngatc	naaagttttt	1020
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ttgnttccaa	at					1092

<210> 918
 <211> 628
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 919						
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cggcgaaaag	taccttgccg	acaatggcga	cattgcccgt	ggacacacaa	ccgacaacgc	180
cgatgggtctg	caccgtctac	tcaacaacag	acagatccag	cttggttgcca	ttgggtggctc	240
catcggtacc	gctctcttcg	tgagtatcgg	tggtgggtctt	gccaaggggtg	gtcctctcgg	300
tctgtttctc	gcctacacaa	tctactctgg	tatcctcgtc	tgtgtgaaca	atgggtatcgc	360
cgagatgact	acttatatgc	ctgtttctgg	tggtttcctc	cgtctcgtcg	gtcattgggtg	420
tgatgatgct	cttggtttta	tggtcggttg	gaacttcttc	ctttacgaag	gtcttctcat	480
tccattcgaa	atcacccgta	tcaaccttgt	cctgtcttac	tggagtcccc	agattacaca	540
anccgggncc	taccggctgg	catctgtant	ggtgtcatta	ntctataagc	tctcctcaac	600
atcttggccg	tcaagggttac	ggtgaanc				628

<210> 919
 <211> 612
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

<400> 919						
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cgcacgaac	gagaccgata	gatcgattct	gccgacgata	caatggccga	cgaacaaccc	120
ggtggcagtc	accacactga	ttccatcgac	tcaaatgatg	gcccgaaagca	gccggacaag	180
agaagagtc	gcgcgcctgc	gaataactgc	tttcgacagc	aacglnlaaa	ggcctggcag	240
ccatctctca	caccaaagac	tgtcctgctt	ctctctcttc	ccattggaat	tatatctcgt	300
cccatcgag	gtctgctgtt	gtacgcgagc	tctcaggtcc	aagagattcg	actcgactat	360
accaactgca	ttgncgatgc	tcccattcgt	agtagaggng	gaagcaactt	tacagcaata	420
cctggcagcg	cccgtcagca	ctgcattcaa	gagttctaac	aagttctgtg	aatgctcaat	480
gggcgcgcga	ggtcaacgca	gcccacgctt	gacacggggt	taaaaacttt	caccctcgat	540
gcatctttaa	gtttaccatc	caaaaagagat	gggtcttcgg	gttttttntc	tccccntacc	600
atctcttacc	aa					612

<210> 920
 <211> 997
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(997)
 <223> n = A,T,C or G

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<400> 920
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tagtgcttct cgccagactc gggagcgctc acattggggc cgttggtccgc agaggcagca      180
ggaactgatg ttcccagagc accgtgacca gcctcaggag cggcagtatc anaagtcttc      240
tccttgccaa agaccttctn aagaccagca gccttgtagg cacttccacc gtgctcctcc      300
ttcttgagat cagcaagacg acgaacctcg gcgtggacct cttggacctg tcggctgccc      360
tcgggtgtaa aatcggaat cttcttnccg gtgggtgtgt tggaggcctt ctcaaagtaa      420
gagctcaagc cgagccacag gctgttggca cgttggaaga tgccgtagct ntcacgggtg      480
gccttggccc ggtcgggtggc gtggtacttc tcgtcgagac ccttgagggt gganaaaaaag      540
cggttggtga caccgtgagt ggcacgcagg tcaagancac gctggatggc ggcgtcacct      600
acgacgtagc cgtgggcgag gtactcggcc aggatacggg cgcggggcct ctccctcttg      660
gtgatctcgt cggagtcgcg atcagcattc ttggttgttg gaacatcgte gtcaccatcg      720
gcgggtggcg tcggtgacct aagatggttt gtgcccagct ggtgtgtgtt gaggaggaga      780
gcagttctct tggcggcttc ctctcgaag atgaccttg cggactttgt ctgcgcgtcc      840
tgagtgcctc tgagatcttg gatcttgccg cagaagctga aaaagtcctt gatctcgtg      900
tcgctggtgg cgggggcgat gttcttgacg ttgatagtag agttggcaga catggtgaat      960
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<210> 921

<211> 627

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(627)

<223> n = A,T,C or G

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<400> 921
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aagaatggcc tcaccaaatt caccaactgt cgattgctga aaggcaacga tctggtctgg      180
gatgaccttt gggtcagttc tgtcaatggc aagatcgteg acagccaggc ctcttcttac      240
ggtggcgcga acatgcctga taatactatc gatctcggcg gtcgcacatc tgccccaggt      300
tttatcgagt gccagctcaa cggtgccttt gggtttaact tctcaactct cctcgatgac      360
atgaccgaat acggcaaaaa catccaaaag gtcaaccgtc tactggttag gacaagggtc      420
acatcctacc tcccaaccat cacaagtcaa cggccggaac tataccaaaa gacacttcca      480
taccttggcc cgtccgggga actgcggatc ccccaccacg gaaccggaat ctctcggaac      540
tcaatgtgaa ggctctttct tgaaccttac caagaacgga gtccacaatg gtgatgtcct      600
naccgaagct cactctatcg aggacaa      627

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<210> 922

<211> 552

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(552)

<223> n = A,T,C or G

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<400> 922
ttatgggcag aacccgggcl acagtcacga tggctacgag glagcttcgc cgcctattcc      60
ccacgggtgct tctgtggcgc tctccgctcc ggcctgtcttt cggttcaccg ccgcttcaaa      120
cccagacccgt catctggcag cggccgaggc ctttgggtgta gatatacga acgtgaagcg      180
agagagcgca ggcgaagttc tcgctgaggc catcaciaaag tttttggcag agttgggtga      240
ccagcccaaag ggtctgaagg acctgggctt tggcacggaa cacattgagg ccttgtgga      300
gggtaccatt ccgcaggcac gtgtgttgat gctggcacca ggattgtcta cagagctgga      360

```

agcggagaag	gaccagttac	gaagactggt	tgagaatgcc	atgacacatt	gatgatggtc	420
ggctctgaag	ataggagggt	tgattatcat	gcgggtatgc	gattgcgcgt	tgccgatcga	480
tgtgtttgac	tacaaaagg	atgtcgtgcc	actttatata	tttgatgta	caattgatct	540
actgnacaaa	tn					552

<210> 923
 <211> 616
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 923	
cttacctcta	ctgtgaatca atnggggcag aatgcaagaa catcaagaca agatcgccac 60
gtrggcagac	ggganaaaaag tggcgatgc aatctacggc acagacaatg acaatgcacc 120
tacaaccttc	tacttccatg gtttcccagg gtctcatcac gaaggcggct cgacgcacag 180
cgcagctctg	aagcacgggc tacgcgtcat cgcgctttca cgaccaggat acagcgactc 240
gacattccaa	gacaacagat cgattctgga ttatcccca gacatcctcg agatagcaga 300
ttttctctcg	atacaacgct ttgccatcct tggagtctct ggcggnggtc cttacgcaat 360
tgcttgtctg	aaaaaattac ctcgggagan actcgctcggc attggcacgg nagctggatg 420
catgccccctg	tcattctcca cccaaggnat gcttgccata acgcgtatna tgttcaacgt 480
tgcgcgctat	gctacaacac ccctttggat gggatgata taaattacta nggagcacag 540
cccgcnacac	ggaacattcg gnaaaactgg aaanacatga tggatnaaga tgtaaccgcg 600
aaaacncccc	ccgacg 616

<210> 924
 <211> 581
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(581)
 <223> n = A,T,C or G

<400> 924	
gtcccaccaa	acggttatct agccattgaa ttggctcgac tattatctac caataccttg 60
gcccgaatgtg	cccgagacaa gtctagatga gcctggcttg gagegctggc cgtgcctgga 120
gtcggcaatg	cctctcgcaa gctagaccat catggctcgc atgccacaat agaacactgc 180
tacgaatcgc	accacgaact gtcccagcct ttccgcgata cgttctctcg aatacgaac 240
ctaccccagc	cgaactcgag gctcggattg ctgcgattcc gattgaaaga taccgaaact 300
tttgtattgt	tgcgcatact gaccatggaa agagtacact gagcgatcga ctgctgggaa 360
tacacagggg	ccatctcggc aagtgatgcg aataaacaga tctggataag ctcgatgttg 420
ancgcgagcg	cngcatcact gtcaaggngc agactgttcc atgatcccaa attccagggg 480
gaanantact	gcttcattta ntgcataccc ctggccatgt caattccnaa canaagggtc 540
naaatctttt	gctnctgttg tqgtgcattg cttctttatca a 581

<210> 925
 <211> 778
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G


```

<400> 925
gacttgaacc agttgaatca aaacagcttt ggcttggcaa ctctcaciaa cccatatgga      60
gttccttcta cctaccccga tgtcaatgcg cctgtcgagg ctttcccga ccttcagcct      120
tcaggcgctg atctgtcgtc aatggctcct cctgccatca atattgattt cgcgcccact      180
aattccaagc aggggtgctt tgatacacc aagtcgcgta tggaccaaga ctctttgacc      240
ccaccagaca gaggtcgctc tagatcccg cctcgtgccc tgaccgacct gttccatcct      300
ggcggcggtt tgctgggtcg ccagggaat gtcaacatga tgcgtcttc tctaggtgcc      360
gacttgtcag cgcgttcaga ctccagatct ttgtgcctc ttgatagaca agcaggcact      420
tcgccttcta ggagaagaca gtccacatca gcagtgccca acaacgtcat tgctttgaga      480
ctggcggatc ccgagtatca gaacaacccg gacaacggcg ccactaagcg tgttcagaag      540
caccagcca ctttccagtg cacgctgtgc cccaaacgat tcacacgtgc ttataacctg      600
cgctcacact tgagaaccca caccgatgaa cgctcttctg tatgcacaat ttgtggaaan      660
ggctttgcta gacaacacga ccgcaaagcg ggacgaaagt ctgcactctg ggcgaaaaag      720
aaatttgtgt gtaangggcg atttcaaagc ccggagggtca atggggctgc cgtaagaa      778

```

```

<210> 926
<211> 345
<212> DNA
<213> Fusarium venenatum

```

```

<400> 926
gaggggttac gtaacgcgca ggactttctc atggcttgcc ttgccattcc cgttgctcctt      60
gtcttctggc tcacgggta cttctggaag cgacccagc ggcttaccat tgacaagatc      120
gacctcgaca ccggtctccg tgagcacgat tgggaggaga tcaatgctta ccgtgccaaag      180
gttgctactt ggcccgcttg gcgcagagcc ctcaacaagt ttatgtaaga ggagcaaatg      240
cttatcttgc agactttctt gacattatac catcactact atacttgatt cctctgatga      300
ggattgctac ttataacct gttaatatata tggtttatct tctat                    345

```

```

<210> 927
<211> 628
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

```

```

<400> 927
cgaaatgaag tacgatcctc ctgcattagt ccaactcaca taaccctcag ggtatatgca      60
ttcttccacc tccaggatgg tgctaccgac tgcgttgatg ttgtgggtgt tgctcttctc      120
ggcgacaaag gatttgaggg acacgacctt gcagccagac ttgaggtcga aaaacattcn      180
aaccaggtea tegttagctt gcgatgtgaa ggcttgttg ttgacaagga ccacgtccgc      240
acgtttgagt gctcatgga tgggcgcgtt cttacggaaa tcacctcgtt cgaaatgcac      300
cttgcttggc cggactcccc acaacatgca acgcgcacat aactccttnt tntgttctc      360
ggccagggtt caagcattct ccatnatttc acagccccag ctttcacaa ccaatctcgag      420
ggccggttgc aaaaccacgt ttcgacacct gacccaaatc gacaaagacc tgaccagagg      480
tcattcgagt ttgctctacc aggaccttaa aaatgaatgg gtgtaaaaaa ttccccataa      540
acataagtcn ggttccgtct cgtacttttg agangagttc cccttqaaa ccactqnncc      600
ggatataaatt tgatcaagtn tgaanct                    628

```

```

<210> 928
<211> 819
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(819)
<223> n = A,T,C or G

```

```

<400> 928
ttcaattcac tctcatctca aacactcaac cagaccaata aacaatcact taattactct 60
ttcaattcat caaccaccaa ccatcaacat gcagttcaag actctcctca tcgcctctct 120
cagcgggtctc gctgtcgctg ccccaagcaa gaccaccgag gccaaagacc agagctctcc 180
cgcccccaag accttcggcc tcatggctct cgcctccggc agccccattc acttcgccag 240
cttcagcgct actgagagcg gcttcgagct cctctcctcc aagggaagc agggcgccaa 300
gtgtgctggc ggcaagaagg aggatactgc tactttccgt ctgagcaagg ctactgagct 360
tgtcctttac aacactggca aagaaccagc agattgccta cactgaccga tcaggaatgg 420
gccaaagggtg tttccagtac actgactctg gttcctacgg tcgcaactca gagaccaagg 480
gctggaaggt tgacaagtct ggaaacctcg tcttcagcaa caacaacgct tttttcatgg 540
cctgccccgg ccagaaggac agcgacctt ggagcgtntg ggtctccacc ggtacatcgc 600
acctgggttg gaatgagaag gagtgccttg gttttaacgc ccgcgttggt gaaattaaga 660
aagctgtagc tgcacttact tttagtncag caartaaaag aatagagttt gcactggaca 720
tatgattggg tcagcttaga tacgatattc gtgtaaatac catggcaatt aattctttca 780
aaaaaaaaa taaaaaata aattctgngg ccttgacc 840

```

<210> 929

<211> 407

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

```

<400> 929
aatgtctcgc aatagtggta tcccttggcc ctcaactctc tgtggccaat ctctccaagc 60
tggctatttg tcaggctggg tggttgacca acattcctga ggatatcttc actgccatca 120
agaaagatta cgataacctt acatggacta tcagtgaaga tgatgaaaac ctgagttggg 180
tcttcgagaa ggcggtatgt acttataacc acaacggtag agttttgttc taccgtggcg 240
ttgacgggtc caactctgaa gcccttggtc ctatcttcaa ggaattcctc tctcaatgac 300
gtgccgattc agaaagaaag gtaggatagc ttgagataga gatatagttg gtagatgtac 360
ctaatttgaa gacgatctta ctgggaaaaa aaaacnatna caagttt 407

```

<210> 930

<211> 680

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(680)

<223> n = A,T,C or G

```

<400> 930
ctttttctgg accctgatgc ccttccactc tccaatccca actttcaaca tccatctgac 60
atcaaaacaa cctcttttta tcatcaqtct atttcaactt tccattgaac atcatcaaca 120
ttgtgggtta acagacatac attaaataac aagatatctc tgaagggaaga actgcaagca 180
tcatccatct tccgtttggt acttaattct actacacctt cacaatggcc aagcgcacaa 240
ccaagggaatt tgcgaaaatt tcccaanata cccctgaggg cttctcgggt gctctgcctc 300
ccaagatagc tatccacaca tggcacgtca ccttaacggc gccccctcgc accgtctacc 360
accaggaaca attcgggcat ctctcaacc ttcccaacga ctaccccttc aagcccccg 420
tggtaaaatt tgttacccca atctacacac cttaattgtac aaagataaat ctgggaacaa 480
totgcttggg tctctttaa aagatgctt ggaagccag caccaagctc tatgcggtc 540
tggaagcgtc tcgcaacctc ctggaaaanc ccactcgac agccctctcg aanatngcat 600
tgcgagcaaa taccagaacc ggaccggggt gggtttgatc aagcggtgaa acagcatgtc 660
aaaaataccc atggaaccac

```

<210> 931
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 931
 attccccgga gctcaggagg agcagacatc caactcagat tcttcgaaga ggacagtcca 60
 cgagcgggtcg tgacagtaaa gggccaaccc tttgctgctg tcatggtaga cttacccacg 120
 attactgagg cgatgaagac ctgggaccca aagtcgttcc tcaaatctgc cgatatttgc 180
 caaatgcttc tgggtctacgc caagatttcc agcgaagccg aggctaggga agcgactctg 240
 cngagcatga tgcagccagca tttcagatgg ccacacggcc tgcagccacc catgcacgat 300
 tctgcaaaac gacgatccgc aaagactatc agtcgttaag agattgagga caaggaagcg 360
 gaagtcgaac gcttgccttg tgaggacgct aaggctgggt cgacgcgctg ggaatgggtc 420
 gacgagacca aggacgatga cgatgacggc gccgacgaag atgcagacgg tgagattgac 480
 gacactatgg actacttcca gancaggat ggattgttcg gcggcgaagg tgaaggtgac 540
 aacaactaaa anccgacctg gaagccgctt ttcgctggaa aantcagcgc c 591

<210> 932
 <211> 645
 <212> DNA
 <213> Fusarium venenatum

<400> 932
 tactcatata cacttttcaa atgaaggaca atagcgttcc tctttacact tcgccccaat 60
 tgggcccagac ggtgacaaac tatgcggaac aacactcaac agcgttgccc aagtatatca 120
 ccgattatca tgcagacatc tctgctaacc gtgatgactc aaactacatg agctctgtgt 180
 tccaatctca gtacaatata tttctggtea agtccactgg tgccaagagg gtccctgaaa 240
 ttggcgtcta tgttgggttc tccgccttg tctgggtga tgcgtgcggc ccgatgggc 300
 ttgttaccgg gttggaattt gagcctgagt atgctgaatt gtccaagaaa gtctttgagg 360
 caaacggcgt caagaatgca gagatcatta tccgttccgc ttctgaatct ctccccaagc 420
 tcaacccttc tgagccttat gaccttgtct ttatagacgc ggacaagact ggctatcctg 480
 gatacctgaa acaacttctc gaactatcga agcccgtag ttccagcagg cttcttcgcc 540
 caagaacgct cattgtctcg gataatgtcc tgcgtcgagg cttgggttgc cgatgacaag 600
 gcactcgggtg acgatgagct ttccgggaga acaagtggga aacat 645

<210> 933
 <211> 628
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 933
 ctactactcc cacaacttcc aagactcata cactacnttc atggttgaac agaaggaatt 60
 cgacaacaag gctgtttctc gtggttctat tctcatgaag actgggtgctt gcggttgggtg 120
 tacaatcatt gggttactga gtcaattcgt tggtcgtcga cgtgctatct gttgctcggc 180
 ctteatgtct gctcttctca tccagagctg gacccctgcc accctgaag gtcggcttaag 240
 tggaggtggc ttcattgatc agttcttcat ccaaggcgcg tgggggtgca tccctatcca 300
 tctcaacgaa ctgtctcccc ctgccttcag atcctcatto ccaggggtaa cttaccaaat 360
 tggcaatatg atcagcagcc caagtgcaca aattgtcaat gctgtcgccg aaaaacatt 420
 tgnactctc aanaatggcg acaaggtcga ggcatacgga cctgtaattg gcgttgccac 480
 aactatcatt gctcttggtg tcatcttcac caatatgttt ggttcggaaa aagcgtggac 540

gtctttttgan catgccggna ctgggtgtnc taacgacgag ctttcttaac attaaaaaaa 600
angatttcga gactgcaagt gtgganct 628

<210> 934
<211> 413
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 934
gcgnntgato tctggntgga ccaanggcag taatggctac tgcaatagcg agctcgaaat 60
tgatgctcgc ggctgtaaag ctctgtgttg tngaaagcg ggtatncaaa tccaaggcgt 120
cgggagatga qtagcgtonc aaagaagatg accacaaagt aaacgattaa aggcgcgcgcg 180
acacgcacga cggacacgat ctggngaacc acttgatggc cttgcgaacg aaaaggatga 240
ggatagtgtg tagcanaccg ataagagacc aanggggaaa taatgcatat aaagactcgc 300
tcataccact caagtccanc agcttgccga gggagaagcg agtatcattg cggcagcgaa 360
gggaatnccc agaaanactg ctacctgtgn ggngacagtc gaatatgaca ctt 413

<210> 935
<211> 532
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G

<400> 935
cgccgcaccc agttcaagcg gaagaacacc ttcaagcctg aggaactccg ccgccgtcgc 60
gaggagcagc aagtcgagat ncgaaaggcc aagcgtgagg agaacttggc caagcgacga 120
ggtatcggta ccggtgagaa ccgacctggt gcttcccttg gcgctgcccc tgatagcgac 180
gatgagtcgc ctctactga atctcagttg aacgaggatc ttccccagat ggtgcaagcg 240
gtttttctcag accagatcga ttccgcagatt caagccacta caaagtcccg aaagctccta 300
tccaaggagc gtaacccccg atcgangagt catcaagacc ggtgttggtt accgctttgt 360
cnattcttgc gattccctca cancttgtc aanttcangg tgcttggggc tgacaacatt 420
gcttcgcgtt tgcaaccaa ccaagtctca tnaggccggg gctgtnccaa tttctcaact 480
tcttgcaacc cnagcccatg ttaggaacaa ccgtctgggt cctggnaaat cc 532

<210> 936
<211> 582
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(582)
<223> n = A,T,C or G

<400> 936
acaagtcttc caagatcgtg cncgtgcttg tcggaagcaa cactggaaaa gaggagaagc 60
cataggggga gccctgctgc catatgttag ggacctgag aacgccttta ttatcagttc 120
cgacttctgc cattggggcg ataacttcgg ctacctccct tactctgcaa ccaatagtc 180
ttctgatttg aagcagctaa agaaggaaa ccccaagccc aacggccccc caatccatga 240
aacgatcaaa gccattgatc aagcggccat ggatgccgtt gagagtggcg atcatgatgc 300
attcactagc actctcaage agncacggaa cacggtgtgt ggacyacatc ccacgggtgt 360

tacaatggca	gcaactggagt	tgctccgaaa	ggaaccgatt	tcgaaaacaa	aggacaattc	420
agtatcatca	agtacgatcg	gagcaacttg	ggttgangta	tcttgatgac	atgagtnrng	480
agctacgtgt	ctgcttatgc	tgtactttga	nggatgtttg	gcaggactga	atattgtaat	540
tgctaagctg	gggaaggcgg	aaagcttgtc	ggaattgaac	ga		582

<210> 937
 <211> 600
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 937	
gatttatatg	cagacttggtc
aaaaccaaac	atcgatcgct
cagtagagcg	ccttgatagg
atcgcgatga	cgataacaac
caactctcta	tggtggcaac
tcgcaaagtg	cggngaaatc
ttgcgggttc	tgntttgtcg
tcggngggca	aaactngacg
ggccgccta	ccggcggtgn
tacaagggaa	aggaggaatt
gcatgaacaa	tcttttgaca
aaggcacaat	gcgacctggc
actatcagaa	ccgcaacaag
cgatcctttg	gccaatgcca
acacaaccga	agaacaagtt
tcatgggcct	cgatcggttc
caccangacg	ctcttgattg
tcgacctgat	tgggacctgg
gncaagtncg	tgacaagtcc
aagcccagga	canacaattt
	ttttngggaa
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600

<210> 938
 <211> 506
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(506)
 <223> n = A,T,C or G

<400> 938	
gcaacttctc	gatatttttg
gcaccagggc	tgggtcgaga
cctcttgaca	ttctccagct
gataaccaag	gctctgcaga
tgcgcctggt	ctcgctcgagg
ggtcacatac	cgtgtgttcg
ctggaggaca	actctgcaga
ggcccagaan	gancgcgaga
ggtgccccag	aacgacgccg
ctcgaggagc	cctcgaggac
ggaccacgag	aagctccacc
cactcccagc	cgcgaaattg
tgagattgag	atgtgggcta
tgagattgag	atgtgggcta
ccagcagcgt	caaaaagttc
gtaccaagaa	ttggccaacc
cgctctgcgc	caagaacagg
gtcccaacgt	tggtatgggc
	60
	120
	180
	240
	300
	360
	420
	480
	506

<210> 939
 <211> 440
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

<400> 939	
catccgcgct	tacgaagctc
ggtgttgggc	gtttggccac
caactgcgggt	gcctcttcta
	60

tacagggtca	catcgactcc	ctcatcagca	attccagctt	ctccagcaac	cctaccaccc	120
gtcaggctat	cttggaagcc	gcctcgagca	ttcttagcga	taagttttac	agcaccagcg	180
accaagtggg	aaactgcac	aaaccctata	aattcgagat	cgaactcgag	aaccaggagt	240
ggactaaggg	acgtgatcac	gtgggtgctg	tgttaagaa	ggagctccag	gactgcgaga	300
gagccttgaa	aaacctcgag	gatagtgtcg	gcggaagacn	aaaaatcaaa	gatgtcatga	360
cctacgtcga	taaggcccg	aagggtgagg	tctgtggttg	gggcgataac	cgtagcggcg	420
ccggtggctt	caacgtgct					440

<210> 940

<211> 762

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 940

ncttgctggg	ggttactcat	ggctaccagt	ttgttcatcc	tcagtgttgt	caaaattcta	60
ccagatcctt	ctgtcgact	cggtcgtggg	cggtttagna	ggcgccctgc	tcaattctcc	120
ctcctatgca	tccatcgccc	actgggtcga	cntccgccgt	gggtcttgca	acaggctgtg	180
caatgactgc	aggatcaatt	gggcgggtatc	atattccccc	gtcgttgctg	caaaagctcc	240
ttcccacaat	tggctttgca	tggacnactc	gtatcttggg	cttcacatc	ttgggtctta	300
ccgtcccgcc	cacactcttc	atcgatcac	gtcttccgcg	acaaaacaaa	agtaacttct	360
gtctggccgg	aacttgaaca	tctttaaaga	cctcaagttt	acctttgctg	cgtttgggat	420
cttntttatg	gaatggggtc	tnttcgtacc	attgacgtac	atcgtatctt	acgctggtag	480
atactctggc	gatgcccaata	gctcttatac	gctcatttcg	attctcaacg	ctggttcatt	540
gctcggctcg	tttctccccg	gccttntggc	cgacaagatc	ggccgcttca	atgtcatgct	600
tcttaccctt	gggctgngca	ttctctcggc	tttcgctctg	gggctgccag	cttggtnatt	660
tccaaacat	tgatcatccc	ttcgcggttn	tatttggtct	tggtctggtc	tccacctggg	720
ttngacacct	gtntgngttg	gtcaactttg	ngatccgggc	ga		762

<210> 941

<211> 345

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 941

cagtataaac	tttcgattat	aagccacacc	taatctaagt	atatatatcc	aatcaattgt	60
acaaaaagta	gtctggaatc	atgggtgtca	atcggtgctg	tgtatgtgag	ggtcagagta	120
ctcgaaggca	gattcaatga	cgaaagccga	tgggtaacca	gccttgagg	cagaagcggtg	180
gtcqqagcag	gcataatccac	acttgggtctc	aacccaagga	atctcgcagt	actcctcaac	240
aacqqtcttq	ataaaqqtq	caaqqccqaa	tcaacaaaqt	caaqtaatqa	caccaacact	300
ttcgggctgg	tccgngtcaa	gagtcttttg	gattaaccag	tnagt		345

<210> 942

<211> 356

<212> DNA

<213> Fusarium venenatum

<400> 942

ccgtcgtgga	cgtgtgccag	aaggacggca	agattgtcat	catcggtggg	ggtgacaccc	60
ccaccgtcgc	caagaagtac	ggtgttgagg	acaagatcag	ccacgtctct	accggcggtg	120
gtgccagctt	ggagctcttc	gagggttaagg	agcttcccg	cgttactgct	ctgtccagta	180

agtaaataat	atccaatact	gttggagtag	gaagtatatg	aacctgttga	tgacggggaa	240
tgaaaatgga	aaaagggttg	gcaggcaagg	ctagtctgta	gcaaaccaga	agaaagtaat	300
tgaataccaa	ataccaatag	aggcgtaaaa	ccgcatcaaa	taaaaaaaaa	ttttat	356

<210> 943
 <211> 629
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 943						
cagcagtcga	gccaacaggg	tcagtcacac	cagcagttgc	agcaacaatt	ccaacaacag	60
caacagcagc	atcacctgca	acaacagcag	cagttacagc	agcagcagca	gcagcagcat	120
cagcaacaac	ttcagcagca	acagcaacaa	cagcagcagc	aacagctgca	gcaacaacat	180
catcagcagc	aagttcaccc	acaacatcag	cagcagcaac	aggctcaaat	acacccccag	240
cagcagcagc	tcgcaccccc	ccaacaagag	caacaacagc	tnacagcagc	acaacagcat	300
gaacagccaa	gagctcagtc	acatnagcag	ccagcgcccc	tcaacaaaag	cagcagaagc	360
agcgtgatca	caaagagagc	gcagagagat	caacaagccc	agcagcagca	gcagcagcag	420
cagcagcaac	aacaacaaca	gnaggaacaa	caacaacttc	agnagnaaca	acaacaacan	480
gttnggacca	acacacaaca	caacacagct	tnnacaggaa	aanagaggcc	agcagcagaa	540
cagaggagcc	cacagagaaa	acngccagag	ggncaagaaa	gcttttttta	agcatcanaa	600
cggggngggc	gcnaaanaaa	acggtgttn				629

<210> 944
 <211> 614
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

<400> 944						
agcgcgctgg	ggcgtaacct	gatgtgcagc	ctacacacat	tcggttcttg	acgggtacaca	60
cctcgacaaa	taatcctaag	gcgcctgtga	naagaggtgc	gaacccaact	ctgcgacaga	120
tcctcagccc	catgggctca	actgctctca	actctactca	aaggagcgac	gctttctact	180
ttgagggtgt	tgagattagt	cttacgggag	tcgacaccaa	gaagagtatt	aaagttacct	240
tggttgagtga	gggtataaca	aaggaggata	cgtacgacct	gctcgctccc	aagactggaa	300
ccatggatga	cttggttgaa	gctttgataa	agaaagcaca	aatttctagt	gaagccgaaa	360
ggggaagaat	tcgcatctat	gagacgagct	caaaccgttt	ntatcgtgaa	ccttctcgcg	420
atcatcccg	tattaacctg	aacgagtcnc	gacagtctac	gcanaacgaa	gttcctcang	480
acgagatcaa	cgcccgcgac	aatcaattcg	tccaagtttt	tcattaccaa	aacgacgtca	540
gcgcgctcca	cgggggtgcc	tttaagttnt	tggtcattgn	gggcgaaact	tttgengacn	600
cccaadaaaa	gaact					614

<210> 945
 <211> 652
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(652)
 <223> n = A,T,C or G

```

<400> 945
gcatgttgag cgcgccaggg gacttgtega tacaggcggt gactgggacc gccgcaaccg      60
cctcaaggcc tacgagggcc tgcacctgct caccgttoga tcttacaacc tcgctggcgc      120
gctgctcctc gactcccttt ccaccttcac cagttacgaa ctctgcactt actccaacct      180
cgttgtgtat tccgtttctcg ctggttcagt tccctcaag cgagtcgatt tcaagtcaaa      240
ggttggtgac gcaccagaga tcaaggcaat tcttggtgat ggtgaagaca agctgctagc      300
tcttagcggc gctctcagtg ccggcccagg tgetgatgac actaccggcg cgaaggcacc      360
taagacggcc accgctgctg tgaacctgac cacactgggc tcaagcgctg atcagcccga      420
agctgagatg gccattgact tcagccctt ggcccttgct gtcaagcagc ttgtacaaag      480
ggcgactaca anggcttctt cacttctctg gccaacgttg aggangcgtt nctgaaccaa      540
gatcgctact ttacgagcac aagaactggg tcattcngga gatgcgaaat ttgcgcttac      600
caacagcttc tgnaaaagtt accngttgn cgggccttga aagcatgggc na          652

```

<210> 946

<211> 613

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(613)

<223> n = A,T,C or G

```

<400> 946
gtegetcget tattaatcag ttatcttttt ttatctacta tctttaattc actatgaagt      60
tcttcagcac tcttagcacc cttgcggtgg cctcatgat gagtggcgag gctctggctg      120
gtacctacaa ggggtttcagc attggcgcca acagggtgta tggtgccgtg aagtgggagg      180
ccgactggaa gaaggatttc caggccatca agagctggaa caagggtttc aacgctgttc      240
gtctgtactc tgctctgac tgtaacacac ttgtcaaggc tgtccccgct gccaaaggcca      300
ctggcatgaa gatccttggt ggcgctctgg ccaccgatga tgetcacttc ggccgcgaca      360
aggccgcctt cctcaaggct atcaagcagc acggcaccgg ctggatcgcc gccatcagtg      420
tcggatccga ggacctctac cgtgaggaca tcttccccca gaagctcgca cagcagatct      480
acgacgtccg aggcattggt caccaataca acaagaaacc tcaagggtccg gacataccng      540
acacctggaa cgcttggtgc gacggncgca aacaacgtcg ttacccaagg cctgcgatat      600
cgccattaca aac          613

```

<210> 947

<211> 428

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(428)

<223> n = A,T,C or G

```

<400> 947
caagcaaatc attcaccatg ggtaaagtgc acggatctct cgcccggtgcc ggcaagggtca      60
agttccagac tcttaagggtc gagaagcaag agaaagcaca ggcccccaag ggccgtgctc      120
tcaagcgctt caagtagacc cgtcgatttg tcaacgttac cctcaccggg ggcaagagaa      180
agatgaaccc caaccccggg tcttaaaaga ttgggttaaaa acgacaagat ttgcgggaatc      240
gggattgttg gcttgccgac cacaacaatg gttgacttca ctacagtaatg ggatgatgga      300
ttgggtcggt cgggtcgcat ggataggctg agccccctta tgaaataaaa aaggaaatgg      360
caagaagcgg ctacgacctt actcggcgct cgggtgtcagt tctcacaatg caacaaacat      420
tggttcgc

```

<210> 948

<211> 365

<212> DNA

<213> *Fusarium venenatum*


```

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 948
atcttacact cgtgttgacc ggcatacct cgaaaatggc tcccaagaca atcattgccc      60
cctctatcct gtcggctgac tttgctcagc ttggccatga ctgtgcccgc accatggagc      120
agggcgcgga ctggtcccat gtgcacatta tggacggcca ctttgttccc aacatcactt      180
tcggctcctcc tategtttgt gccatccga ggccacggtt ggatcaagcc caccgaggcc      240
cacgggtcgg ggcacctttt gattgtcata tgatgatcgn agaagcccaa agaaatgggg      300
tcaagggaat ttaaagaaag gctgggctgc aaccttttac tggctttcca ttaccgaagg      360
gcggg                                           365

```

```

<210> 949
<211> 623
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 949
gttggttgcc attatccagt ttcttcgtca agcctgcaac gccattcgca accaagaggg      60
tgcagatgga agcatgctcg gatacgcctt gttctgttgt gtcggatgtt tgttggtgtt      120
tttggagtgg gctgtttgagt tcatcaacgg ctacgccttc tgtcacattg ctctctacgg      180
aaaggcctac tttgcggctg ccaaggatac atggaaagat gatcaaggga ccgaggaatt      240
gacgctttctg atcaatggac tgcctttatc ggaccgcggc ttttcctttc ggcgcctctt      300
taatcgcaaa cngcctgcac cctcctcgcc tanctctacc tttacttcac cgaccnngct      360
acaacaagcg acggncaata caccgggtgtc gtnttggcct tttccttctt catcggtctt      420
aagatcgaaa acgtttttaac cacacccatc tccagcgggt tcgaaaccat tttggtcgct      480
tctgggttgg gacccccaaag gtatgtggcg cgaacacccc gagttgacaa cgagatgggc      540
aggggtatacc ccaagggtca acangtctat tcaggacgcg ttaaattggg aatgtnttgc      600
atcggaaaaa aactggattt ctg                                           623

```

```

<210> 950
<211> 602
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(602)
<223> n = A,T,C or G

<400> 950
cccgacttgt tcattttctca acaccaactt cagtttatca ccattttcaa ttcccacgtc      60
aaagtogaag actcgggaat tarcgagaagc ttgttctctg cagcttcttg cctttgaagt      120
ttccttctct cgtcctcgtc gacaatctac cgtctctctc tcgacttttg gtcaattggc      180
tgttcaabaa aggtacatca tgcctcgcat ccttcgaccc gaagctcgcc ttgctgcttc      240
gactcgaggt atcgtgtgct ccgtttgctc ttgggtgccc cagtctgcca tcaccgcgcg      300
tgcctctggg cgaacccgttg ttttcgggtc cggccagacc cgtatctabg ccgacaacaa      360
ctccggcggtc aaggagtaca ccgtccgaga tggctcaac gaagctctcg ctgaggagct      420
cgagcagaac gagaaaggtt tcattctcgg agaagaagtt gcccaatada acggtgacct      480
caaggtgacc aagggtcttc tcgaccggtt cggcgacaag cgttttatcg acaccccatc      540
acccaatctg gtttctgttg tctcgtctgc ggtgctgccc tcagtggctt ccacccggtg      600
gt                                           602

```

<210> 951
 <211> 585
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(585)
 <223> n = A,T,C or G

<400> 951
 ggtggcgaac gtgaatggga ccgcgaccga ggggtcttccc gtccgagatgc caggcgcgcac 60
 gacgacgaac gaccaagcag gcgagagcga gacccgtacg acgatcgccg ccgtggagga 120
 ggcaggggacc gacgtgagga tagattcccc ggcgcctcagg aacgtccaaa cccaagcccg 180
 cctccaaaaga agcgagaaac aactcccgac ctgacaaata tegtgtctgt tctcgagcgn 240
 aaccgtcgcc tgacacagtg ggatatcaag cctccaggct atgacaatgl tacggccgaa 300
 caggctaage tctcgggcat gtttctctct cctgggtgctc ctcgacagca acctatggac 360
 cccagcaagc tccaggcttt tatgaaccag cctggggggac aggtcacaag tgctgggtctc 420
 aaggcgagca actctcgcca gtcaaagcga cttttgggtt ccagaattcc tcttggcaca 480
 agcgaagatg cgtctatggc attcttcaat ctgcaactta acggactgaa catcatcgac 540
 accacagacc cctgtgtttt gtgtcaattc tccaaacnaac ggtca 585

<210> 952
 <211> 500
 <212> DNA
 <213> Fusarium venenatum

<400> 952
 catctccatg cgtgctctcc tcaaggataa ccttgagaag ctccgctcca agcacgactg 60
 gtctcacatt accagccaga tcggcatggt tgctacact ggcttaactg ctgaggagat 120
 gacccgtctc gccgaagagt tctccgtcta tgccaccaag gacggccgta tctccgttgc 180
 tggatatcacc tctgagaacg ttggccgcct cgctgaggcc atctacaagg tcaagggtta 240
 agtataaagag aatagcagct taataaaaagg aggatgtgtg ctaggaaaac ggcgtcgcgc 300
 caaacgaacg acgccttgaa atcaacatca cgctacgac agaaggctgt cggctcgggga 360
 cagatggatt gaaaataccc agatcttgat ctagggtcaag tgcccgactt ggccaattaa 420
 tgacgcggtg aagacagctt gaaaatatat gtatgagtaa actgaatata aaacacgaag 480
 ctaatgtgtt gaaaaaaaaa 500

<210> 953
 <211> 311
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(311)
 <223> n = A,T,C or G

<400> 953
 ttccactcta tcaattatag cctcccatca cataatatag cccatcatgt ctggccctgt 60
 cggggtctg ggtcttatcg gcttgtgt catgggacag aatctcattc tgaacatggc 120
 tgacaatggc ttccatcatc ggccttcaa ccgaaccgtc tncaggncg accgattcct 180
 gggnaacgaa gccaaagqca aagtccattg ttggccccac agcgttgagg aqttcgtcaa 240
 gaaactcaan tctcccccgt gnatgcccc ttgghaaagct ggccaagctn ttgactactg 300
 gattgaaaaa a 311

<210> 954
 <211> 606
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(606)

<223> n = A,T,C or G

<400> 954

cagagatcca	catgaaagat	tatactgten	ctgcaecggga	tggattttgct	ctggaggtac	60
gaacttataa	accacctata	gccgacaagg	acgcccgtct	tccgatctac	atccacctcc	120
acggtgggtg	ctatgtatth	ggaaacatto	cttcagaaga	cgctatttgt	accgccattg	180
ctcttgagc	caacgttacc	gtcgtgaacc	tgaactaccg	ccatgcgccg	gactttgect	240
tcccaacagc	gtgggacgac	accgaagaca	ctttccactg	ggttcacgac	aacattgatg	300
aactcctcgg	caacccaagc	caagtcttag	ttggcgcnt	ctccgccggt	gcccactct	360
cagctgcctt	gacactgga	caaaatatgt	cgtccgatga	cctttcacna	cctaagcttg	420
cgggncaggt	gttgatgate	cctgctaalt	tcacccggat	tcctacgcgc	cggttctcga	480
acagctcaaa	gaccttcaat	atcatcatat	gtccagaang	cggatgctcc	actcctccaa	540
caaggcgng	gtggacaagt	ttaccagccg	ntaaaatttc	gaatccagna	tctcanggga	600
tagaca						606

<210> 955

<211> 607

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(607)

<223> n = A,T,C or G

<400> 955

aacctttttc	ccttctttct	cttattccca	gcctttttat	tctttacagt	gtattcacaa	60
tcacaaatcc	gcctaataat	gcgtcaaaac	ctaccgacac	aatccgttgc	caacggtgat	120
ggacaggatt	tgtaccttcc	cgacaacatg	ctcgctcgcc	accccagcaa	gcctcatatc	180
ggcagcctgg	aggagtacca	acagatgcac	cagctctccg	tgacggaacc	tgatgctttc	240
tggggaaacc	tcgccgcgac	cttctcacgt	gggagcgtga	ttttcacacc	gtcaagagcg	300
gtctctcctc	gagggcaacc	cttcttggtt	tctgggcggg	aagctgacgc	ttttttnaact	360
gcgtggaccg	gcctgcgctc	aagaacccaa	caaggctcgcc	atcattacga	gactgacgac	420
ggcaccaatg	gcaagtccat	acctacggag	agctcttaag	cagggtcaaca	aggttcatgg	480
ctcttaagga	tctcggcgtg	aaaaaggcga	caccgtgnca	ttacatgcca	tgattctgag	540
ntntggcgca	tcttgcgtgn	ccgatnnggc	ttgtaatttg	cgtttcgtgg	atttantggt	600
cctaggg						607

<210> 956

<211> 513

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(513)

<223> n = A,T,C or G

<400> 956

caatcagcag	caatggcgaa	gtcaaagaac	agctcccagc	acaaccagtc	gcqcaaggcc	60
caacgggaac	gaatcaagaa	gcccaagact	tcccgttacc	cttctcttaa	gggtaccgac	120
cccaagttcc	gacgaaacca	tcgacatgct	cttcacggca	acatgaaggc	cctgaaggag	180
gctaaggagg	gcaagcgcca	gactgtctaa	gcactcggca	aaggaatatt	gaggcgctcaa	240
tttqgaqcat	tcgcattgct	cggttacggc	atacacacga	tagaacctgc	gcaaatgaac	300
gatggaaata	ccatacgatt	agccccgacca	aaaaagggtg	tggatgtcga	tccgtaegtc	360

tcggcggaatg atgtttgtgac agtccccgagt aaagcatggt gctttggcttt tcaggaacat	420
gaggtganta cccgaaactc tgcttgaact ttnaanaaaa aaaaaaattc ntgnngcggt	480
ngactttgct ttinnaggcca attcgccat ggg	513

<210> 957
 <211> 583
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

.100: 957	
atgattcca accaagtgt taccttcctg cagcgacttg ccggtacca taccagagcat	60
gctgacctac tctgccgttt ctacaccaac cgcagtcgct tcttcgacgc agccgaggta	120
caggccgaaa cttgctaact ccgatttccc tatcagcatc aaggatcgaa atcagattgc	180
tcagcttggc caaggctaact gccaacgttt ctacgactgg tattagccga cagcagcaac	240
agatgctaaa ccacagcgtt actgagttgt tggagattgc acacatccag gacgatctgc	300
ttgaacgatt gagagccgac gaccgtattg atcccagagan gtctattgag attgangatg	360
ctctcaaggg caagatccag ggtctctccg agcttttcaa cgactatgcc gaccaggctg	420
gttactacaa cctgtgtttg ctcatctacc atgtttgccga ttaccgtaac cacatgacca	480
tctctggtac atggaagcaa cctgatccag cagacacaca atgaaantct tgtctcggct	540
anaaaatgtc tgaacctgga atgccctcgc caccactacc cta	583

<210> 958
 <211> 445
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

<400> 958	
tcaacgccgt caccatgccg agccacaagt ctttcogaac caagcaaaaag cttgccaaagg	60
cccagaagca gaaccgccct gtgcctcagt gggttcgct ccgaactggc aacaccatcc	120
gctacaacgc taagcgaagg cattggcgca agaccaagct cggatatctaa gctacctctt	180
ctcaacccgtt gtccgcccc agcaccgcac tttctctctc ttgggcattg tatcagatg	240
atgttaaaagg aaagggtgga ttgatttgtt atggcggtgaa ctatgggacc gtgtcgttag	300
cgcaacgcga tacacaagggt gggggatggg ccggatgcct ggtttatcga ttatcgcggt	360
tactgnatgt caccgaacgt catagggaaa aaggaaatgca aaaatctgat gcccaaaaag	420
aaacggcctn aaaantatnt atttg	445

<210> 959
 <211> 816
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 959	
castcatcca accttaatac gctcaactac tccaacaaaa caccaggcac caccaccacc	60
aaacgccaat atgcagatca agtctcttct catcactcct ctctgcgcgc ctggcgctgt	120
ctctgctgca cccaaggcta gcagcacccc caagactgtc aacttccaag gccttgccct	180

ccgatctgct	tctcccatcc	acttcaacta	cctccaggct	tccaaggagt	ctttcgagct	240
gaagctcaag	aaccaggacg	ccagctgcta	cgacaccaa	aagcacaacg	aagccacttt	300
ccagctctac	ggcgatgagc	tctggctcta	ctccaagggc	aacccccgcc	agcaggcata	360
cgttgacttt	tctggcatgg	gccagggcaa	gttcgggttac	accactggtg	ctcagcctat	420
ccccagaac	gctcagcgaa	agggctggaa	gategacaa	gacggtttcc	tacctgcgac	480
ggtgccagct	tcgctcgctt	ccccaatggc	gacaacctcg	agaagacttc	ttggctctgtc	540
tgggtctaca	acaagcatca	acaacccccg	tggcaacaag	aactgtttcc	cttcaccgtc	600
aaggctgcca	aggttgaaaa	cctgtcgctt	gcattgtactc	ttgttatcca	gcccancgag	660
taaatttaag	gttatgttgg	aatgtttcta	gtatatat	ttgcaaaaac	tttacgacgt	720
cgttggatat	agagagcgag	atgtgtttca	ggatattaag	cgttttgatt	tggttccagt	780
acctgaatta	atatttttcc	aattttgaaa	aaaaaa			816

<210> 960

<211> 569

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(569)

<223> n = A,T,C or G

<400> 960

gtcactcaact	ccactccttc	cattcaaaaca	ttattgtttc	tgattttccaa	accaccggtg	60
agattttaato	tagtaggtgt	ctacctatta	tttatttggg	attccctcat	aacattatga	120
cttcgacaac	caagccaact	gtgaactaca	gtctgtacct	ggtcacagac	tcaacaccag	180
aaattcttgg	tcaccgcaac	ctcgaacaag	ttgtcgagga	gtctttacga	ggcggcgctca	240
cgattctgca	atacagagac	aaacacagtg	aacgaagcgt	cgctgtagat	acagccaaga	300
aactacactc	catectctgc	cggtcaatgt	tcctctcctc	atcaatgatc	gtgttgatgt	360
cgctgttgaa	agtaggetgt	gagggcgtao	acattggaca	agatgatatg	gcatatgagg	420
aagcaagaaa	gcttctgggc	ccaagtaaaa	ttattggagg	tgaccgcaag	cttccaagga	480
ggaagccttc	aagnttgtga	agccngtgct	actatctcgt	atcggactgc	tattccccca	540
gaccaaaaaa	gacacaaaat	catcattgg				569

<210> 961

<211> 635

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(635)

<223> n = A,T,C or G

<400> 961

cttgaaogac	gtgccatctt	ctccaagaaa	tggatcttgc	ttaccacaaa	gatgcgatcc	60
gagcagactg	gctcttgggt	tcgctacgct	gaagcaggct	ttgacttttt	cctcctccgc	120
aatgocgagg	gocctatcag	aggtctccac	aatatttggc	gtcaccgagc	tttccctggt	180
gntgtcaagg	ataatggcca	gacaaaggtc	ctgtcttggc	agtaccacgg	ctgggtccctat	240
ggatgaatg	gacagcttgc	caaggctcct	ctttaccaag	atcttctctg	ctttgaccca	300
tccaagaacg	gcttgttttc	tctccacact	catgtcgatg	agaagggttt	tgtctggatt	360
aicatggatg	ccaagactca	acctgagaat	gcattggaag	aaagcaccgc	aacagccgta	420
cagctnttca	anctcgagga	ctcacattga	tcatgtcaag	cagggatnca	gagcttaact	480
ggaaaaatfff	ggcgacaagt	ntagtgcac	agnagccgt	tcgagatnaa	gaaaaaggac	540
ttacntgtna	tggntttact	tcccaacgtt	tcatgatntt	ttacttaatt	cttttctttg	600
gnaaggggoc	tnataacncc	aagttaagtt	catat			635

<210> 962

<211> 558

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(558)

<223> n = A,T,C or G

<400> 962

ctttgttgca	acaacagtaa	taacgacctt	tggtcgtana	aagaaaaatg	atatggccgt	60
tcacatcgaa	tgactccaag	aaggaaaaatg	agaggaaaact	cgaanaagag	gcgaagcggc	120
ggtcctgtctc	atggacagat	acaatanccc	gcctcanatc	agatcctttc	gatgcancac	180
aggcctgggc	gcccgtgggt	ntatttccac	tggcaggcat	ggcagctctt	cagctgtacg	240
caaactacct	tcgtcgcata	cctgggtcag	cgtatatgcg	tcccaacttc	ttccnaaaca	300
gaagtatcta	tggtcgggtt	accagcggtg	gtgatgggga	caacttccat	ctcttccata	360
ctccaggtgg	tgtttctttg	ggatgggggt	ggctcangan	aattcccgaa	gtccgcaagg	420
acctaaaaga	cgggaacgac	cagatccgca	ttgctggcgt	cgacgctccn	gaatgcnccc	480
acttngggaa	gccanccacc	ttattcagct	gaggcactgg	catggctaaa	aaactttctc	540
ctcaaaccac	acgttaaa					558

<210> 963

<211> 511

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(511)

<223> n = A,T,C or G

<400> 963

ctttcgtcat	ccaccacaagc	tcgacttcta	tcgacaacca	cagccaacat	gtntttctcaa	60
cctgaacacg	ctactctgct	cattcccggg	cccattgagt	tcgacgatga	tgteectcaag	120
tctatgggccc	actacagtga	gagccacgtc	ggccctggct	tcgtcaacac	cttcggcgag	180
acctctctcca	tgaccgcgaa	gctcttccaa	tcgaccgacc	cctccgcccc	accttatatc	240
atttccgggtt	cgggtactct	aggatgggat	atcgtcgtcg	ccaaccttgt	tgaggctggg	300
gaggacgccc	ttgttcttag	cactgggttac	tttgccgatg	gcttcgccga	ctgcctgcgc	360
gctacgggtg	ccaacgtcac	caagatcgac	gngagggtg	gtggccnacc	tcactccccg	420
agatcgaaaa	ggcctttccg	agaanaagta	caagatctta	cagttacaca	cgtngacaca	480
taaacaggng	tcttgagtga	ctcaaaaacc	t			511

<210> 964

<211> 668

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 964

aggagagcta	ccctctggag	aactacgtcg	atattgagag	ctatcagttc	ctcgacattg	60
tcaaggagcg	atccaacaac	gatgagcaag	aaatcgacaa	ggccttcaac	gctctacagc	120
atttgggtcg	ggatcattgg	cgtatcccca	tttqttggaq	cqatggaaaq	cacggaggat	180
ttccaaaagc	agctgaaaag	gctggactac	ctatcaaaagc	tccttggatg	caagctnacc	240
ctctatcccc	agaagncaat	ggcgcgtctc	aactagacga	tcacaaaagt	gtcctatctt	300
tctggaanaa	agccattgac	ttccgaaaag	agtttcccca	tccttactgt	tacggagatt	360
acaaggctcat	tcgtcaggat	gactctgata	tttatgcttt	tgtgaaggag	tctcctgcag	420
atggatccaa	ggtttctgtc	gttcttaact	ttactaccga	agacaagacc	tggagtgtcc	480
caactttctga	anaagtttgg	gagttactat	tggaaaagga	tgtaaagctt	gttccgatna	540

tgtctctcac	actggaaaag	aaaaaaacag	ctgntctgcc	ccnttttgan	ggacaagttt	600
tttgggtccaa	tagagaacat	acctnnaaaa	aggggcccng	tccaaaatgt	taagattana	660
agngtctc						668

<210> 965
 <211> 649
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

<400> 965						
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cttgccggcg	tttcggccac	atgtctcgcg	agtgtgtcaa	cggcatgaag	tgctacaact	180
gtggcgagtc	tggccactac	tcccgtgact	gccccaaagga	gtccgctggt	ggtgagaaga	240
tctgtacaa	gtgccagcag	cccgacacg	tccagtctca	gtgccccggc	aactaaaatg	300
gtggctcggt	ttctcagtat	aaccactgag	gcgagttaga	cgtggcgact	tggtgatacc	360
cacggacgat	tatttcctta	ttctcttacg	gcatttttca	caaaagtcca	tttcttcaca	420
cgactttaat	gatcatcacg	gcaagaatgg	cagctcacaa	aaacacaacg	tgcgcaatct	480
tgcacaaaag	ctggcggcgc	ccagccttga	ttggaacata	tcaccattgg	atttcgtcaa	540
ccgactggac	caacgactac	gaccatacat	acgactcaac	tttgaaagaa	aatgggtgacc	600
agtggagaat	gacnaagatc	aaaaagggta	tcttggtggc	ttggtaatg		649

<210> 966
 <211> 641
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(641)
 <223> n = A,T,C or G

<400> 966						
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caacatcaag	cacctcacaa	catctctcat	tcccagtctg	gagaacatgt	ttcttgagtc	120
tnaagcattc	atcgagcagc	gcctcgtcag	agaaatcttt	cccgatcttg	tcaagcaaca	180
gttatcgcaa	tgcaccagtt	tggtctctgtc	cctcgatqca	gaaggcgact	ctccactgaa	240
cccgtaaccc	ggtttgaagg	gttctttctg	cctcagcgat	ccctcgcgat	ctggaaaccc	300
gattactttt	gectcagatg	agtttgagga	attgacagga	tattcgcgaa	ccgaagtctt	360
cgcacacaa	tgtcgatttc	ttcagggccc	ccagactgat	cgggatcgca	tcgccaacat	420
gcgctcagcc	atctggcgta	acgatgaatg	tacagagctg	ctcttgaact	ttagaaaaga	480
cggnacacct	ttctggaanc	tcttaatcct	gtgtcctctt	ctcgacaaaa	ncggnaagac	540
aaagtttttc	atgggggtgt	caaantgatg	tttcatcttc	gatacacgac	acaagacgaa	600
ggtctcaaa	attctctctt	aanggggcta	tgaggggaan	a		641

<210> 967
 <211> 520
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(520)
 <223> n = A,T,C or G

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<400> 967
ctggaagaat tgcatttggc atcggteget ttaccactga ggcagagatt gattacgtcc 60
tcaaggcagt ccaagagcgt gttagtttct tgcgcgatct gagtcccctg tgggagctcg 120
tacaggaggg tategacctc nacactatct agtggagcca acattaggct gtectgtaat 180
gaatacgacg actatcacac ttaccccgac ttctctgact agtgtcaggc acgggatgta 240
tatcaaggac gttaatgaca aaatggccgg ctggagcgag gctcagctgt gcctgtatag 300
catactgtaa tatcagagat acctctttct ttaaattctg gagatnaaaa caggagtgca 360
ttggttcaag gagcttgcaa ttatcggggt atctggccaa aggcnaacaa acaggcgcct 420
ntttcaaagt tcccaagagt taggaatant ctttctatt ggaaacgaat gatcanagca 480
aatcaaaggt atntgtccca caaaatgaga caccacaatt 520

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<210> 968
<211> 519
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(519)
<223> n = A,T,C or G

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<400> 968
attgccaatg ccgaggaagt cgcattttat ggaggcgccg agactgaaaa gacctttttg 60
aaccgcgagt tcaagtcgct aaagacttgg atggaaggca tctacatgct caagatccgt 120
tacaatattc tggaagattt catctcctaaa tacagctgga gtgcttacgg ctacttgctg 180
gcctcgctac ctgtcttctt accggcctgg ggtggtgtcg gaggccgggc tgaaatgatt 240
ganaatgctg tacggggagg acgggaacgt aatcgtatga aggagtttat cacaaacaaa 300
agacttatgc tttcactcgc agatgcaggt ggtcgcgatga tgtactcaat caaggatttg 360
tcagaactgg caggatatac cagccgcgtc tacaccctca tctcgacatt acaccgggta 420
aacgccgatg cttaccaggt tccanctgga caganccgaac tatattctct gtccgatgtt 480
tcaggaacta ttcanaaggg attcgatggc gttcgatctc 519

```

```

<210> 969
<211> 745
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

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<400> 969
cctacctggt acctgcccctg ttggtatata actcgagaca cgtttaccaa agcactttctt 60
gtttctctaca tctacaaaac cccccttccc ctccatgaat tttctacgaa gattcactcc 120
gcttcgatct ttctctcgaa catcttacaac aacacgcgca atcatgtcta agctctacgt 180
tggaaacctg tcttggaaca ccacggacga gactctccgt caaaccttca gcgagttcgg 240
tcaggteact gactcgatca tcatgaagga ccgtgagact ggccgcgccc gtggtttcgg 300
ttctcgtcacc ttctctcterr aggaggyangc taccgtctgt gtcaacgcca tgaacgagca 360
ggagcttgac ggtcgtcgca tccgagtcac cgtcgcacac gcccgcccct ccggcggtta 420
cggcggtttc ggtggtggtc gtggtggtgg ttacggcggt ggccgtggcg gttacggcgg 480
cgggtgaccg agctacggtg gtggtgaccg cagctacggc ggtgacggag gtggttacta 540
agagaacttga cttggcttga cttgacttct tgacttggac ttccgcacat ccaqatgtgg 600
gttgacttct atcgtcctcc ctaaaccgaa aaaataatga actgatgggt gtggccgctg 660
aaaacacggt cctcgagatg tgaacgatga aagggaactat tcaaaagatac cataaggacag 720
tgaaacgctc ttcttttttt ctcan 745

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<210> 970
<211> 213
<212> DNA

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<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(213)

<223> n = A,T,C or G

<400> 970

agtcagtgcg	agcagcctgg	tgcgatcttt	cctcgaaggg	ccggtcttgg	ctattgagac	60
aacagatcag	gttatggacc	tgatgcgcga	gacatgtctc	tcggaacccg	atggctggcg	120
acaggttgaa	cactcagtta	cnactacgga	gaagaagtac	atacgggaga	ttcatgacca	180
gttggaacac	tggcgataca	ngtatgaaaa	gaa			213

<210> 971

<211> 657

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 971

ggtttggcgc	catgcaaata	gtatctaaca	atgcctccat	gactcctgag	caaatacatcg	60
agggcgcgaa	gccaggccaa	acctttgggt	ggcaactcta	tggtcagaat	caacgagaca	120
agagtgaggc	tatgcttaaa	cgtatcaact	ccatgcgaga	ctattacaag	tttatttgct	180
tgacgctgga	cgcgcctgtt	ccaggaaagc	gtgaattaga	tgagaagcaa	aatttcgact	240
actctgagcc	aagtctcgcc	agtggcgaga	gcaagcccgg	cgtggagggt	gttggtcagc	300
agctattctt	tggtactgct	gctgacttga	cgtggaagac	gacccttcca	tggttgccgg	360
ctcataccga	cttgccatcg	tactgaaggg	tcttcaaacc	catgaagatg	ctaacctagc	420
ggccaaagta	ttgtctccaa	ggtaaaggcc	atcatcctgt	ccaaccatgg	ggggcgcgct	480
tgccgacaca	agttctctca	nccattgcat	acattgggtc	gagaatccgc	aaggactggc	540
ccgaagtctg	agcaagggtc	aaatatggat	ggacggaggc	ttaaagcgan	gaacanacgt	600
tgtaaaagcg	ttgtgccttg	gcncaaccgg	cgntggtatt	ggacgtctgc	gcttttc	657

<210> 972

<211> 619

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 972

aggaaagctg	cactgggctg	acaaccacaa	atategcato	cacgtctact	gccaacggcaa	60
caaaacccac	tcgaaggcca	acgagctccc	taccgtctta	ttcgaggccg	gtgagcgaac	120
tgctgaatac	gaattctgga	atctttggga	caatgcctgt	aagaatggat	ccatctcgcg	180
atactgtttt	gctgacccgc	ctggctacgg	ctggctcagac	aacgcgccct	cccttctcat	240
ajcgggcttc	gtggctcgata	ctcttagcga	ggctctgggt	gatgctgggg	agagtggacc	300
atgggttctt	gccagtagccg	gtattgggac	gactctactcg	agagtctttt	cagcacgaca	360
tggagaccat	atcaaaggct	tactctctat	cgacctctta	catgaggatc	tacttgatga	420
tgctgcatca	cggggagctg	gatttatctt	ttgggtctgg	gggttattct	tcactcggat	480
ggaccgaatc	ctggggcatc	ttcgcggaac	acaagcccg	accgagttat	ggacgatcag	540
acancagacg	gnaaattatc	tttgccaact	tgaggaaaac	ctgtggtggt	ctttacttga	600
engaccgcna	caaccgcaa					619

<210> 973

<211> 569
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(569)
 <223> n = A,T,C or G

<400> 973
 aaacagaatc taacatccaa acgaaccgcc aaaatgtccg acgacgaggg tatttcaatc 60
 tacgatgagg tcgagatcga ggacatgacc tttgacgagg ccattgggagt ttaccagttc 120
 ccttgccctt gtggcgacaa gtttcagatc accttagagg acttgctaga tgagcaggac 180
 atcgctgtct gtcccagctg cagtctcatg atccgagtta tctttgacct ggacgatcta 240
 gaaaagcttc ccaattcagg cgcctcaggg gggcagggtc ccattactac ctgaatcaac 300
 gaaaaattac gatagaaaaa taatacaaat tgcagctgcc atgtgagaag aaatgggtaca 360
 gcaaaccttg gctgcgcgcg gactacgaca atcgtatcag ttctcgaagc cattcggnga 420
 aacctggcac gaagcgacac gacaagaaat atcggacttt nattttngta cgccctcnac 480
 ctgcttgaac aaanaaatct cttnttcatt ggacnggaag aaccncana atgcnttgat 540
 cctggcgagg tatgntgatt antctcggg 569

<210> 974
 <211> 799
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(799)
 <223> n = A,T,C or G

<400> 974
 cctgacagcg atgtggttca gcctctcact cgcaagacct ttgagcaact tcttcagaca 60
 atgcgcaaca tgagtgteta cggaaagact atcttgtctca ctgggtgctgc ccgtgggtctc 120
 ggaaactaca tggctgcgcg ctgtgctgag gctgggtgcca agaacatcgt cctctttgac 180
 gccaaaccagg agctcgggtga tcaagctgct gctgagcttc atgacaagac gggcctccct 240
 gtctcattct tcaaggctga cgtccgtgac ggtgcttgcc atcaacgctg ctgtcgatga 300
 ggttggttag cactatggtg ctctctgatgt tcttgctaac tcagccggta ttgccgatcc 360
 aaacattaag gctgagacat acgacccgcg catgttccgt cgtctcatcg acatcaacct 420
 taagggatct tctctcatgt ctcaagctgt cggccgtgcc atgatggccg ctggaaagcc 480
 tggcagcacc attttgggtg cctctatgtc tggctccgtg gcaactttcc cttcaggagc 540
 atgactttgt caaacgctt caangcgggt gtcacccaac tcggcnaagt cccttcgctt 600
 gctgagtggt gccaaagtag acattcgaag tcaaaactgca tctctcctgg atacatggga 660
 cactgccttc aacgagatgc cccgctcttg acgcacagaa caaagatctg gaagtctctg 720
 actcccaga aacgctcgg gtaacgttga naaagcncaa cgggtctctg catcttcctt 780
 gcctccgact ctcccaaat 799

<210> 975
 <211> 631
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 975
 ggaagacaag gtcttaagat caagcacatt caggacgctt ctggagttcg catgggttget 60
 cagaaagaga tgctccctca atctaccgag agaatagtcg aggttcaggg tactcctgaa 120

ggcatccagc	gtgctatctg	ggagatctgc	aaatgcttgg	tgcacgactg	gcagcgagggc	180
actggcactg	ttctctacaa	cccgtttgtt	cgcactcagc	cttccaacag	tggtaacacc	240
agtgggtggag	caggggttcaa	ccagggctct	ggcaggagcg	attatggtgg	tagccctcgt	300
gtcatgcgaa	caggcaacgg	tgccgacttc	agcaacggta	gctcaaggcc	ctataaccgc	360
cgttccgact	ctgacgcagc	tcttcgagggc	ccacccactc	acgacgagaa	tggcgaggag	420
atccaaactc	agaacatcag	tattccccca	aacatgggtg	ggtgcatcat	cggacgtgct	480
ggnagcaaga	atagcgagat	ncggagaaat	naagcgcacg	catttcattg	gcaagnaccc	540
cacgatgaan	atggngagcg	ttgttcacca	ttatnggtac	cggttangcc	accaagtcgn	600
acnttttctt	ttgntanaa	actaaaaggn	g			631

<210> 976

<211> 662

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(662)

<223> n = A,T,C or G

<400> 976

catgcagta	ttcnagaact	ccacgttgcg	aacctcaaac	gccgtcacat	cacgtcacct	60
acgctttcca	cttgctcgcg	cgcattaaac	ttgtataaaa	aatgtctgat	atcgaaaccg	120
tctcttcctt	tgtagagggg	gtctctccag	gagagctcgc	cgacgttata	gcagatatca	180
aatcgctgac	actcgactcc	aaccccgata	tgcgtcaataa	cctcgcgccc	gccttcgaga	240
agtacaatga	ggagcaatth	gttacggtga	agctgcctgg	tagcagccaa	ccagttatta	300
ttagctctta	caactctctc	ggagacggcc	gatacttcga	tggtgagacc	tcgtccagct	360
tcgccttcga	ccatactaag	cagaaaagcca	gtgctgtcca	gagccacgta	ttggaaggag	420
ctcaagcgga	ccttgctcaag	tcacatctca	agancatcgg	tccttacgtt	gaaaagcact	480
ttggcaacgc	tgccgatggc	gtctacccaa	tcgagtcgga	ctccaagant	gccatcgtta	540
ttgtcggnaa	caaatacagc	ccttacnact	tctggaaacgg	acgccgggtg	atcgctttac	600
atctggcctt	attngggcct	gaggttttta	ggttacggct	nttcaggggc	ggaatttgnt	660
nt						662

<210> 977

<211> 596

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(596)

<223> n = A,T,C or G

<400> 977

aaccaaacia	aggcaaagaa	cgacaagaaa	gatagctcga	cttctttttt	cttccaacia	60
ggacaaggac	gaaagacaaa	aaaaagacca	cttttggttt	attaatcgag	ttacttactg	120
tacacaccca	tatatcacat	accccgccaa	tcttttcaat	atggcagatg	tcccgctcgt	180
tggtcttttt	gaattcgccc	agtcggagcg	tggaattact	cctctgtggt	ccatctccca	240
gctcaagaca	aagcttgaga	ctgtcaaggg	tggtccaccc	ggttgtcaga	gaatttcgct	300
gaagcctaca	gocggcgccg	acgctatcgc	cattgaggcg	cctaaccagg	atgacaccca	360
cctgtccaaa	tttccctctg	cccatatgca	gaacttcgat	taattgacac	acgggctccg	420
gcctccglat	caaactgaac	gataccgcgg	gcgttgacaa	agtatgtcat	gcccaggagg	480
gagtcagaga	aaagtccgac	tgggtacttg	cctggnaaaa	gtcgnaaaaa	ctgggcccgt	540
tngaccccca	tgcctccccc	caagagcaag	gccaagctca	acgctttctg	anaaga	596

<210> 978

<211> 809

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 978

tgtctgtctc	ctcaactcgc	cacatgtacc	acatgaacag	acttcgatac	ggcgaaaact	60
tggtcgaaaag	ttcaatcata	tcttgttctg	acatgtactt	ccatttgccg	ccgcctttgg	120
ccttgagctt	ggcaacatca	cgcaccaaca	atgcagccat	tcctctctga	acgcccagat	180
cgccgagcga	aaagacgtcc	atccttttga	gggcgaagca	ggcaaacatt	tcaacggacc	240
atthttccaag	acccctaacc	gcgatcagct	tttccatgac	ttcctcgtcc	gaggcatcat	300
gaagcatctg	ggcgctcagt	tctccactgc	caaacctctc	cgcgagccct	ttgatatact	360
cggttttgcg	ttgcgatagt	cccgctgtcc	gaagctcctc	aatggttttg	gtagccactt	420
gagatggatg	cggaatcgtg	gaacccaggtt	ggagctcaaa	tggcgtgagg	aacttccctt	480
tattgacttt	gocgctgccc	cgataacttg	tgnccaataa	ttgaactcga	aagaactctca	540
aatgggtcaa	tattctctgc	tagacctnt	ggcgaaaacg	ctctacagtg	gtgattctca	600
attaggggtt	tatgcgagca	tnaactttga	tcagataatc	gcctgcctnt	ttcacaataa	660
tcggggtcgg	tttgattgag	gtgcttgctt	ggcgaaatgg	ttcnagattt	gcgaagggga	720
cagntcgcac	tntttggcna	aggaggccga	tttgtaacnt	ggggttgcaa	gtcggcaacc	780
cccgaacttac	aagggtttttg	gtcgaactg				809

<210> 979

<211> 622

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 979

gctgcttttg	tctgtgcgga	cgttatccct	cgtgatatac	cctcagccct	ttgtcacagg	60
tcatactctt	ttgccttgat	agagttgctc	tctctcatgt	ggcttagctg	tctggaagca	120
gagacagatg	tttacgctcc	ccgatcaaca	tttacatcaa	aactcgggtg	cgtgactgtg	180
gagctttcan	acgactacga	cttccgaaga	tggacggtag	acattctcaa	ccgcaaggcg	240
agggcatggg	tcaatgcgcg	catcaacatt	tctcctctcg	atgttaaggg	gattttgcag	300
aacttatctt	ctgaattcag	cgacgaggga	gcctatggct	atgtttctct	gggaaggctc	360
ttcgccctcg	aactcggatc	aactattcct	tcaacggaca	atcgccctga	atctatggat	420
aaatcgggta	actcggggcg	caacacagca	tntggttttg	tcgccantat	acaactccca	480
agantatcgg	tatggngaga	cactttcaga	ccgnggcaca	aaacttatga	gcttcatgaa	540
tcacaatcgc	gcctgtnatt	tgcnccantca	tccggaaaaa	aaaggctagg	gcnctactg	600
ctttggetca	cattgnggct	aa				622

<210> 980

<211> 540

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(540)

<223> n = A,T,C or G

<400> 980

nttttcagcc	gocgagcagc	gcactcttga	gcancgcatg	caaaagcgcc	aggtcaagga	60
gttttatgggt	gctttcggcg	gtcttgctga	gcactgcttc	atgtcctgcg	tcgatgactt	120
caactccaaag	gctattttca	accgggaaaq	cggctgcctc	aaccgttgcg	tccagaagtg	180
gatggcctct	cagcagcgca	tcagcgaccg	nttccaggag	cacaacgccc	agctcacagc	240

tcagatgaac	aaataagcgc	gacaaaactcg	gaatcgcggc	gtgtacgaat	aggaagaaga	300
atataccaac	ataaaaactcc	gcacgagatc	tactcttatg	gtgtcagatg	tatactggaa	360
ggccgtctcc	catgataccg	ganggggatg	aaacgacnac	gatgatatcg	ggcgccgcan	420
gttttctgta	ncgccaaatt	gtcttctaca	ttataanggg	gtatanacat	gaacnggtgg	480
gcttggtatc	agctnctnca	tgaaangaaa	atatgaccen	ttntttcttc	aaaaaaaaaa	540

<210> 981
 <211> 263
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 981	
caactcatgg	accgaatggc
catgaccatg	ggtaggtcgtg
tgtctgagga	gcttcacttc
cccactgtna	caacaggtgc
tagcgatgac	ttcaagaagg
ttccccatat	ggcaanaaac
atggcgactc	aatgggggat
gtntganaag	gtggggccctg
tncactttga	naacaacccc
aaaccgatgc	aaaatccctt
tgccgagtc	acagcccatc
anatcgacct	gnaggtttct
ctaattgngg	aggaggccta
caa	

<210> 982
 <211> 656
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(656)
 <223> n = A,T,C or G

<400> 982	
ccaaaccacc	gggcctttcc
aactgacaag	aacaaaaaat
cactataatc	cgccatttcg
accagccaga	gaacacgata
taccgctaaa	atggccgtcg
atccctttga	ttcagttttc
gacctttctg	gccgcctcaa
tcccgaagcag	acgaccgacc
atcttaacgt	tatcatcttt
atcggttctg	gatctaaccg
aagatcttct	tttatccgtg
gaccagcccc	ttaccgtgcg
ccgttgtaag	cagaccggcc
gagactacct	cctttgcgat
tataaccgcg	atgggtgacag
ctaccgctca	ccgtgggtcc
accagttcga	tccacctctg
gatgaaggcc	ggatctggag
gtgtaggtgc	tgggcggaat
gaggggtcgg	gcgaagggtc
gaattccgag	tgagcgtggt
cgcaagatgg	aagtcgaagg
gaacgaagggt	ttttgacggt
tatcgcgatt	tattattacg
aaagncggcg	tgagcagtg
ctaatttctg	gaatctcgac
gatgggtttg	cangaagtcg
tgctttctcaa	gaaatttttt
cccaaggcgg	caatttctgan
ggcgggttngg	gacttcattc
atgttttctga	nggccttcga
gccgaggacg	aaacacttac
tattagctca	cattcn

<210> 983
 <211> 295
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 983	
nggetnccn	cgcattracta
gacngnaaaa	ctctcactct
taccgaactt	ggccgtaacc
tgccaaccaa	agcgagaaca
aaacatnaca	tcaaangaat
cnaccgattg	ttangtaatc
gccccnccac	aaagagctnc
tcgntgtata	cognaggcat
gntactttat	tngtcnggca

anacaacgcc cattgtncnt gtggcggggc tgatatttgg gagcaaaaac acttatgggt 240
 tgnnagctta aaccnctac acggctcntt gttcttctta tnaaaaagct tcccc 295

<210> 984
 <211> 531
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(531)
 <223> n = A,T,C or G

<400> 984
 cagaacggaa cgcagcaagg atagcaagg cagcctcgaa cttctcaaca gccgcagccg 60
 cagcctcaga aaggccagggt gcaaaaacct gctgctcggc tccatgctcc cctcgaagca 120
 cggataccac gatactgttt tgcctgaggac aagtattggc tctgtatcga agccgtgctc 180
 gaagatgggc gacaatggga gctttctcgt tactacgagg acttttacga tttccagatt 240
 gccctactca cccagttccc ggccgaggct ggcaatacgg ggacacagaa gcgcactctg 300
 ncatacatgc ctggctccggc caactatgtg acagatgcga ttactgaggg acgattgcc 360
 actttggacg cctacgtcaa agaactgct naaccanccc ccttacattt naagatgtac 420
 tttgggtcga caattttttg cccccgcga aggagactnc nagatcgacc caacgttacc 480
 gaaattgata tgcctgnttg aagggttcca actntatntt tggaatctcc g 531

<210> 985
 <211> 601
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

<400> 985
 ctgtcttgaa tcgcanattt aagcagtcac tcatccaagt ttcaataact gaacactcgt 60
 ggcatatcct tgatcttttag taagatggcc gagaaaaaag attttctgctc tcattacagg 120
 atgttcgctt ggaggcattg gacattctct cgccaaagag ttttaaccgcc aaggctgtca 180
 tgctattgag acggtgcgaa acaccgacat gatcaaggat cttgagggcc ctggcatgag 240
 ctgcttccct ctgcaagtca cagaccccaa gagcattgaa gcatgcaaag aacagggttg 300
 tgaattgacc ggaggctcgt ttgatatacct tgtcaataat gctggctcgaa ctcataccat 360
 cccagctctg gacatggacc ttgacgatgt tcgcgccaca tacnaaatca atgtcttcgg 420
 ncccatgttc ctgggtcaaat ttttgggcct ctgctcctcg aancacgttg gtctcatcat 480
 ccaacanttt ccagcacatc aaccttggt cctacatctt tggggccatc tactctctct 540
 ccaanggggc ccttcaacnt ntggctctcca aacgcctcna ctccaactga aacctttcaa 600
 c 601

<210> 986
 <211> 571
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(571)
 <223> n = A,T,C or G

<400> 986
 gaaaactttc aattgagctt ctgtgtaacc tcaacctact gtttcggatc aatgctttct 60
 cacaatgtcc tttctgttgg caagctgagc catcgtctgt tctttatcaa aggcatttly 120